

DEPARTMENT OF THE INTERIOR,  
CENSUS OFFICE.

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Superintendent.

Appointed April 20, 1889; resigned July 31, 1893.

CARROLL D. WRIGHT,  
Commissioner of Labor in charge.  
Appointed October 5, 1893.

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REPORT

ON

TRANSPORTATION BUSINESS

IN

THE UNITED STATES

AT THE

ELEVENTH CENSUS: 1890.

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PART I.—TRANSPORTATION BY LAND.

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HENRY C. ADAMS,  
SPECIAL AGENT.



WASHINGTON, D. C.:  
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## LETTER OF TRANSMITTAL.

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DEPARTMENT OF THE INTERIOR,

CENSUS OFFICE,

WASHINGTON, D. C., December 18, 1894.

SIR:

I have the honor to transmit herewith Part I of the Report on Transportation for the Eleventh Census, containing steam railroad and street railway transportation.

The work of tabulation for the section on steam railroads was under the direction of Mr. Thomas J. Vivian.

The section relating to street railways was published originally as a monograph by my predecessor on September 1, 1892, and is now embodied as part of the report on transportation by land. This section was tabulated under the direction of Mr. Charles H. Cooley.

Part II of the report relates to transportation by water and to express companies, the entire work being under the supervision of Mr. Henry C. Adams (statistician of the Interstate Commerce Commission), special agent of the census for this branch of the investigation.

I am, very respectfully, your obedient servant,

CARROLL D. WRIGHT,

*Commissioner of Labor in charge.*

Hon. HOKE SMITH,

*Secretary of the Interior.*

# INTRODUCTION.

BY HENRY C. ADAMS.

The following report presents the results of an investigation into the financial transactions and the traffic operations of companies and corporations engaged in transportation. It comprises steam railroads, street railways, carriers by water, and express companies. It was intended that telegraph and telephone companies should be included in the report, as in the report for the Tenth Census, but it was not found practicable.

Inasmuch as each report upon a separate branch of transportation is preceded by explanatory text which presents summaries and conclusions, no extended reference to the results of the investigations need be made here. As a matter of interest, however, the following summary is presented, which shows the value or cost of property devoted to transportation and the number of men employed on June 30, 1890, and the number of passengers carried, the number of tons of freight carried, and the gross amount received for the service rendered during the year ending June 30, 1890:

LAND AND WATER TRANSPORTATION.	Value or cost of property.	Number of employés.	Number of passengers carried.	Number of tons carried.	Gross earnings.
Total.....	\$8,555,840,244.75	981,275	2,538,371,641	814,442,327	\$1,232,205,087.73
Steam railroads.....	\$3,640,707,804.43	750,017	498,070,093	640,452,548	1,074,104,550.13
Street railways.....	\$295,038,050.20	70,764	2,023,010,202	.....	85,499,365.00
Transportation by water (b).....	\$215,020,336.00	114,776	17,291,340	172,843,506	\$72,002,072.00
Express companies.....	\$5,074,045.12	45,718	.....	1,640,273	.....

a Including construction and equipment.

b Statistics of water transportation cover the season 1889; other items, the year ending June 30, 1890.

c Value of vessels.

d Exclusive of Atlantic coast.

The value or cost of property of steam railroads and street railways in the above summary is taken from the balance sheets of the various companies and corporations. The value of property used in the express business is derived from returns made by the companies.

The data of transportation by water were collected by means of schedules addressed to vessel captains, owners, or agents. The significant point is that the aggregates presented are derived from returns made for individual vessels, except in a few cases where returns were accepted which covered the operations of fleets owned by individuals or corporations. The exceptional departures from the original plan were less satisfactory in every instance than the returns for individual vessels.

An explanation of the omission in the preceding summary of the gross earnings of express companies will be found in the portion of the report devoted to such companies. The gross operating expenses of express companies are \$42,413,705. To make a complete exhibit of transportation, it would be necessary to add the carriage of mail matter for the United States government, which was not practicable.

A report upon express companies was undertaken at the Tenth Census, but it was found that they were not subject to the law under which that census was taken. Statistics of street railways have not been given in the reports of previous censuses. Comparative statistics regarding street railways and express companies at different censuses, therefore, can not be given.

An attempt was made to secure freight movement on the basis of ton-mileage, so that this class of statistics for water transportation might be accurately compared with the traffic movement reported by railroads, but owing to the meagerness of records the attempt was abandoned.

## STATISTICS OF TRANSPORTATION.

No attempt was made to secure information respecting vessel interests upon state waters.

The report on transportation is divided into two parts: transportation by land and transportation by water. As the report for express companies embraces both land and water routes, it has been found convenient to place it in Part II. The reports embraced in the respective parts are as follows:

## PART I.

Steam railroads.

Street railways, including horse railways, cable railways, electric railways, and steam railways engaged exclusively in city passenger traffic.

## PART II.

Atlantic coast and Gulf of Mexico.

Pacific coast (exclusive of Alaska).

Great Lakes.

Lake Champlain.

Rivers of the Mississippi valley.

Canals and canalized rivers.

Express companies.

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# STEAM RAILROAD TRANSPORTATION.

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# STATISTICS OF STEAM RAILROAD TRANSPORTATION.

BY HENRY C. ADAMS.

Since the report on the operation of railroads in the United States published by the Tenth Census, considerable attention has been given to the science of railroad accounts, and the present report, which exhibits the condition of railroads on June 30, 1890, and covers their operation for the year ending on that date, is made conformable, so far as possible, to the latest phase of railroad accounting. This being the case, it follows that the schedules for 1890 differ somewhat from those submitted by the census of 1880; these differences, however, did not proceed so far as to destroy the possibility of comparison between the results of the Tenth and of the Eleventh Censuses, and one of the chief points of interest in the present report is that it provides the means of making statistical measurements of changes that have taken place in the railroad industry during the decade. Such differences as exist in the schedules prepared by the Tenth and the Eleventh Censuses are due to the fact, first, that a system of uniform reports from carriers was in 1888 formulated by the federal and the state railroad commissions, which could not be ignored by the Census Office; and, second, that it was early decided by the Superintendent of the Eleventh Census that nothing of a technical nature should find place in this report, and consequently all questions pertaining to physical characteristics, accidents, and the like were excluded from the questions asked.

## SCOPE OF THE REPORT.

This report upon railroads covers two periods of statistical inquiry: the first and most important pertains to the condition of railroads on June 30, 1890, and their operations during the 12 months previous; the other pertains to the operations of railroads for the 10 years 1881 to 1890, inclusive. In the report as rendered, the results of these two independent investigations are in some instances given separately; in some instances they form a part of the same exhibit, and in one case (Table 2) they are combined with returns for 1880; but the manner of treatment will be clearly seen in the designation of the respective tables.

The scope of the present report upon railroads may be indicated by the titles of the tables which it presents. These are as follows:

- Table 1. Railroad mileage (single track) in states and territories June 30, 1890, by groups.
- Table 2. Operated mileage of railroads in the United States, including trackage rights, for the years 1880 to 1890, inclusive, with a record of corporate changes, by groups.
- Table 3. Equipment (rolling stock) of railroads in the United States June 30, 1890, by groups.
- Table 4. Number of railroad employes in the United States June 30, 1890, by groups.
- Table 5. General financial exhibit of railroads in the United States for the year ending June 30, 1890, by groups.
- Table 6. Analysis of earnings from operations and operating expenses of railroads in the United States for the year ending June 30, 1890, by groups.
- Table 7. General balance sheet of railroads in the United States June 30, 1890, by groups.
- Table 8. Tonnage of commodities carried by railroads in the United States for the year ending June 30, 1890, by groups.
- Table 9. Revenue and other train mileage and passenger and freight traffic of railroads in the United States for the year ending June 30, 1890, by groups.
- Table 10. Traffic and traffic mileage, earnings and income, expenditures, operating expenses, and financial results of railroads in the United States for the 10 years ending 1890, by groups.

It will be noted from the above titles that most of the statistics are presented by territorial groups. In this the territorial classification adopted by the Interstate Commerce Commission has been followed, which, it will be observed, is different from the grouping of the Tenth Census.

Accompanying is a map of the United States upon which the boundary lines of the 10 railroad groups are drawn. These groups are as follows:

- Group I. Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
- Group II. Part of New York, New Jersey, part of Pennsylvania, Delaware, Maryland, and part of West Virginia.
- Group III. Part of New York, part of Pennsylvania, Ohio, Indiana, and part of Michigan.
- Group IV. Virginia, part of West Virginia, North Carolina, and South Carolina.
- Group V. Kentucky, Tennessee, Mississippi, Alabama, Georgia, and Florida.
- Group VI. Illinois, Wisconsin, part of Michigan, Minnesota, Iowa, part of North Dakota, part of South Dakota, and part of Missouri.
- Group VII. Part of North Dakota, part of South Dakota, Nebraska, part of Colorado, Wyoming, and Montana.
- Group VIII. Part of Missouri, Kansas, part of Colorado, part of New Mexico, Oklahoma, Indian territory, and Arkansas.
- Group IX. Louisiana, part of Texas, and part of New Mexico.
- Group X. Part of New Mexico, Arizona, California, Nevada, Utah, Idaho, Oregon, and Washington.



## STATISTICS OF TRANSPORTATION.

It was in large measure because the acceptance of new boundary lines for territorial groups rendered it impossible to follow out a comparison between the statistics of railroads in the various sections of the United States that the investigation into railroad mileage, 1880 to 1890, inclusive (Table 2), and into the operations of railroads from 1881 to 1890, inclusive (Table 10), was undertaken.

The information published in the tables contained in this report is given by companies, so that the condition of any company on June 30, 1890, and its statistical history from 1881 to 1890, may be learned.

## MILEAGE.

In the first summary will be found a statement of railroad mileage in each of the states and territories and for the United States in the years 1880 and 1890; also a statement of the increase and the percentage of increase in mileage during the decade, as well as the assignment of mileage per 100 square miles of land area and per 10,000 inhabitants:

RAILROAD MILEAGE (SINGLE TRACK) IN 1880 AND 1890, WITH INCREASE AND PERCENTAGE OF INCREASE, AND MILEAGE PER 100 SQUARE MILES OF LAND AREA AND PER 10,000 INHABITANTS IN 1880 AND 1890, BY STATES AND TERRITORIES.

STATES AND TERRITORIES.	1890	1880	Increase 1890 over 1880.	Per cent of increase.	1890		1880	
					Mileage per 100 square miles of land area.	Mileage per 10,000 inhabit- ants.	Mileage per 100 square miles of land area.	Mileage per 10,000 inhabit- ants.
The United States .....	163,562.12	87,801.42	75,760.70	86.20	5.51	26.12	2.06	17.51
Alabama .....	3,310.73	1,780.22	1,530.51	85.97	6.42	21.88	3.45	14.10
Arkansas .....	2,204.81	821.78	1,383.03	168.30	4.16	19.54	1.55	10.24
California .....	4,356.11	2,176.85	2,179.26	100.11	2.79	30.06	1.40	25.17
Colorado .....	4,176.19	1,385.16	2,791.03	201.60	4.03	101.32	1.84	71.28
Connecticut .....	1,007.29	922.68	84.61	9.17	20.79	13.50	10.04	14.83
Delaware .....	315.29	278.50	86.70	13.17	16.00	18.71	14.31	10.00
Florida .....	2,470.89	528.60	1,942.29	367.44	4.50	63.13	0.97	10.61
Georgia .....	4,557.46	2,432.87	2,124.59	87.33	7.73	24.80	4.12	15.78
Illinois .....	10,071.31	7,562.39	2,508.92	33.18	17.98	26.32	13.50	24.57
Indiana .....	5,970.53	4,320.61	1,649.92	38.10	16.63	27.23	12.03	21.84
Iowa .....	8,602.20	4,992.64	3,609.55	72.30	15.51	44.99	9.00	30.73
Kansas .....	8,806.45	3,384.74	5,421.71	160.18	10.78	61.71	4.14	33.08
Kentucky .....	2,753.19	1,559.56	1,193.63	76.54	0.88	14.81	8.00	9.40
Louisiana .....	1,734.94	521.00	1,213.94	232.43	3.82	15.51	1.15	5.55
Maine .....	1,346.29	999.35	346.94	34.72	4.50	20.36	3.84	15.40
Maryland .....	1,250.14	930.64	319.50	34.33	12.68	11.09	9.44	9.05
Massachusetts .....	2,089.31	1,868.58	220.73	11.81	25.99	9.33	23.24	10.43
Michigan .....	7,235.42	3,712.51	3,522.91	94.89	12.60	34.55	6.46	22.08
Minnesota .....	5,379.50	2,989.59	2,389.91	79.94	6.79	41.32	3.77	38.29
Mississippi .....	2,332.03	1,118.99	1,213.04	108.40	5.03	18.08	2.41	8.89
Missouri .....	5,886.82	3,708.52	2,178.30	58.74	8.56	21.07	5.40	17.10
Montana .....	2,181.04	18.32	2,162.72	11,805.24	1.59	165.03	0.01	4.68
Nebraska .....	5,300.35	1,823.11	3,477.24	190.73	6.90	50.05	2.37	40.90
Nevada .....	924.87	711.82	213.05	29.93	0.84	202.11	0.65	114.32
New Hampshire .....	1,141.29	1,013.11	128.18	12.65	12.07	30.81	11.25	20.20
New Jersey .....	2,052.36	1,648.92	403.44	24.47	27.53	14.20	22.12	14.58
New York .....	7,652.74	5,874.98	1,777.76	30.26	13.07	12.76	12.84	11.55
North Carolina .....	2,960.56	1,440.39	1,520.17	105.54	6.09	18.30	3.96	10.20
North Dakota .....	2,003.79	6093.00	63,776.13	540.53	2.85	109.67	60.48	651.68
Ohio .....	7,903.97	5,415.33	2,488.64	45.96	10.39	21.62	13.29	10.93
Oregon .....	1,433.29	347.33	1,085.96	312.66	1.52	45.63	0.37	19.87
Pennsylvania .....	8,414.91	5,944.77	2,470.14	41.55	18.71	16.00	13.22	13.88
Rhode Island .....	212.52	209.08	2.54	1.21	19.59	0.16	19.05	7.59
South Carolina .....	2,210.97	1,392.91	818.06	53.73	7.33	19.21	4.02	13.99
South Dakota .....	2,470.94	(c)	(c)	-----	3.22	75.16	(c)	(c)
Tennessee .....	2,732.87	1,816.17	916.70	50.47	6.55	15.40	4.35	11.78
Texas .....	8,630.92	2,696.64	5,934.28	220.06	8.29	38.61	1.03	16.94
Vermont .....	921.49	874.39	47.10	5.39	10.09	27.72	9.57	26.81
Virginia .....	3,189.10	1,697.06	1,492.04	87.92	7.95	19.20	4.28	11.22
Washington .....	1,774.62	212.00	1,562.62	737.08	2.65	50.70	0.32	28.22
West Virginia .....	1,315.35	691.56	623.79	90.20	5.34	17.24	2.81	11.18
Wisconsin .....	5,639.88	2,959.84	2,680.04	90.55	10.86	33.43	5.44	22.50
Arizona .....	1,086.64	293.03	802.71	273.10	0.87	183.94	0.26	78.08
District of Columbia .....	30.24	28.38	1.86	6.55	50.40	1.31	47.30	1.00
Idaho .....	944.91	205.83	739.08	359.07	1.12	111.98	0.24	63.12
Indian territory .....	1,046.20	227.43	818.73	337.85	3.37	58.06	20.89	(e)
New Mexico .....	1,324.33	298.57	1,025.76	343.56	1.08	50.22	0.24	24.07
Oklahoma .....	167.96	(f)	(f)	(f)	0.43	27.16	(f)	(g)
Utah .....	1,085.14	708.34	376.80	53.63	1.32	52.19	0.86	40.08
Wyoming .....	941.88	506.94	434.94	85.80	0.97	155.16	0.52	243.85

<sup>a</sup> This is 77.34 miles in excess of true physical mileage in 1880, but being the figure assigned by states in 1880 it is accepted for this table. The true percentage increase is 86.49.

<sup>b</sup> Includes mileage of South Dakota.

<sup>c</sup> Included in report of North Dakota.

<sup>d</sup> Includes mileage of Oklahoma.

<sup>e</sup> No report of population in 1880.

<sup>f</sup> Included in report of Indian territory.

<sup>g</sup> Unorganized as a territory in 1880.

From this summary it will be observed that the total length of line (single track) in 1890 was 163,562.12, showing an increase of 75,760.70 miles since the Tenth Census. The length of line per 100 square miles of land area in 1890 was 5.51 miles as against 2.96 miles in 1880, and the length of line per 10,000 inhabitants was 26.12 in 1890 as against 17.51 in 1880. These figures provide data for a correct impression respecting the development of railroad facilities, and also a basis for comparison with other countries. The total railroad mileage of the world in 1890 was slightly in excess of 370,000 miles, being about 1.45 miles per square mile of area inhabited by peoples possessing railroad lines, and about 3.09 miles per 10,000 inhabitants. Were comparison made with the various countries of Europe whose civilization is similar to that of the United States, the general fact would be disclosed that the length of line per 100 square miles of area is considerably less, while the length of line per 10,000 inhabitants is considerably in excess of such countries.

The data presented in the preceding summary render possible a comparison of railroad construction in the various states during the past decade, as also of the railroad facilities with which each state has been provided, expressed with reference to square miles of area and to population. The question of localization of construction during the decade is also suggested by this summary, but since this is presented more clearly in the exhibit of mileage by groups for each of the years 1880 to 1890, inclusive, it is not here made the subject of comment.

In Table 1 a summary is given which shows the railroad mileage for 1890, distributed by groups. It will be observed that some of the states show mileage in two or more groups. This is due to one of two causes: either the group boundary divides the state in question or some line or lines, the major part of whose mileage lies within the state, extend into another state or another group. Since it is manifestly impossible in a case of a slight overlapping to secure accurate separation of statistics, an arbitrary assignment, for the purpose of compiling statistics of operation, is made of entire lines to certain states and groups. It has been attempted, however, to balance these assignments between groups in such a manner that the general accuracy of the results of all group compilations may be preserved, and to this end density and character of traffic, as well as length of line, have been taken into consideration. All figures in this summary preceded by an asterisk represent mileage which lies within the group where they appear, but the operations upon such mileage are included in the group where mileage is represented without an asterisk. This summary shows the extent to which arbitrary adjustments have been necessary, and indicates that the separation of statistics of operation by groups is made in conformity to actual accounts and does not represent a mere estimate upon the mileage basis.

The character of the various groups into which the country is divided for territorial assignment of statistics is suggested by the following summary, which shows the per cent of mileage of completed road, area, and population in each group of the total mileage, area, and population in the United States, respectively:

PERCENTAGE OF ROAD, AREA, AND POPULATION IN EACH GROUP OF RESPECTIVE AGGREGATES IN THE UNITED STATES.

ITEMS.	Group I.	Group II.	Group III.	Group IV.	Group V.	Group VI.	Group VII.	Group VIII.	Group IX.	Group X.	United States.
Miles of completed road .....	4.20	11.37	13.28	5.52	11.39	22.90	5.43	12.44	6.03	7.44	100.00
Area .....	2.09	3.65	4.24	4.68	10.09	12.54	13.90	12.30	10.92	25.59	100.00
Population .....	7.49	21.92	13.37	7.88	14.42	16.34	2.28	7.83	4.74	3.78	100.00

The marked contrast in the conditions under which railroads operate in the several groups may be seen from the above summary. For example, Group II shows 11.37 per cent in mileage, 3.65 per cent in area, and 21.92 per cent in population. Group IX, on the other hand, shows 6.03 per cent in mileage, 10.92 per cent in area, and 4.74 per cent in population. This summary may with advantage be held in mind in comparing the earnings and operations of the several groups.

In the Tenth Census will be found a statistical history of railroad construction from 1830 to 1880, and in Table 2 of this report that history is carried by years (although in a somewhat different form) up to and including 1890. In the summary on the following page will be found a statement of the length of railroad line constructed at the beginning of each of the decades, together with the percentage increase during each decade, and the assignment of railroad mileage at the beginning of each decade to 100 square miles of area and to 10,000 inhabitants.

## STATISTICS OF TRANSPORTATION.

RAILROAD MILEAGE FOR CENSUS YEARS 1830 TO 1890, INCLUSIVE, BY TERRITORIAL GROUPS, WITH PERCENTAGE OF INCREASE, AND ASSIGNMENT PER 100 SQUARE MILES OF AREA AND TO 10,000 INHABITANTS, BY GROUPS.

ITEMS.	1890	1880	1870	1860	1850	1840	1830
The United States: (a)							
Number of miles of line.....	163,562.12	87,724.08	49,168.33	28,919.79	8,571.48	2,755.18	30.80
Per cent of increase.....	80.45	78.42	70.02	237.40	211.10	6,822.66	
Line per 100 square miles of area.....	5.51	2.95	1.66	0.97	0.29	0.13	0.03
Line per 10,000 inhabitants.....	23.12	17.49	12.75	9.20	3.71	1.61	
Group I:							
Number of miles of line.....	6,877.67	5,865.81	4,326.73	3,644.24	2,595.57	513.34	
Per cent of increase.....	17.25	35.57	18.73	40.40	405.02		
Line per 100 square miles of area.....	11.00	9.46	6.98	5.88	4.19	0.75	
Line per 10,000 inhabitants.....	14.03	14.63	12.40	11.63	9.61	2.30	
Group II:							
Number of miles of line.....	18,596.23	14,245.06	9,972.64	5,992.77	2,722.48	1,286.00	29.80
Per cent of increase.....	30.55	42.84	66.41	120.12	111.70	4,215.44	
Line per 100 square miles of area.....	17.16	13.40	9.38	5.64	2.59	1.17	0.04
Line per 10,000 inhabitants.....	13.51	12.45	10.40	7.39	4.22	2.58	0.15
Group III:							
Number of miles of line.....	21,718.07	14,307.34	8,319.20	5,934.44	1,017.88	197.76	
Per cent of increase.....	51.80	71.98	40.19	483.02	414.70		
Line per 100 square miles of area.....	17.24	13.79	8.02	5.72	0.98	0.20	
Line per 10,000 inhabitants.....	25.87	20.47	14.64	12.90	2.90	0.71	
Group IV:							
Number of miles of line.....	9,032.08	4,691.42	3,013.33	2,650.37	958.43	650.58	10.00
Per cent of increase.....	92.52	55.09	13.60	179.53	47.32	0,405.80	
Line per 100 square miles of area.....	6.49	3.27	2.10	1.85	0.67	0.45	
Line per 10,000 inhabitants.....	18.26	10.36	8.75	8.05	3.24	2.51	0.04
Group V:							
Number of miles of line.....	18,623.79	8,567.61	7,596.27	5,257.42	1,123.64	86.75	
Per cent of increase.....	117.37	12.70	44.40	387.80	1,195.26		
Line per 100 square miles of area.....	6.21	2.93	2.59	1.80	0.38	0.03	
Line per 10,000 inhabitants.....	20.56	11.58	13.15	10.07	2.58	0.20	
Group VI:							
Number of miles of line.....	37,463.44	22,475.27	9,705.42	4,880.20	107.00		
Per cent of increase.....	66.60	131.57	121.57	3,993.64			
Line per 100 square miles of area.....	10.06	5.89	2.54		0.03		
Line per 10,000 inhabitants.....	36.50	23.92	16.44	11.56	0.62		
Group VII:							
Number of miles of line.....	8,886.93	2,541.90	35.34				
Per cent of increase.....	249.62	7,082.70					
Line per 100 square miles of area.....	2.15	0.65					
Line per 10,000 inhabitants.....	61.98	43.54	2.30				
Group VIII:							
Number of miles of line.....	20,348.70	7,600.38	3,959.93	656.27			
Per cent of increase.....	167.73	91.93	503.40				
Line per 100 square miles of area.....	5.57	2.14	1.12	0.22			
Line per 10,000 inhabitants.....	41.36	22.00	19.33	4.78			
Group IX:							
Number of miles of line.....	9,854.18	3,041.04	661.40	382.18	46.48	20.75	
Per cent of increase.....	224.04	359.79	73.08	722.25	124.00		
Line per 100 square miles of area.....	3.03	0.80	0.17	0.10	0.01	0.05	
Line per 10,000 inhabitants.....	33.11	11.67	4.13	2.79	0.60	0.59	
Group X:							
Number of miles of line.....	12,160.43	4,388.25	1,577.98	21.90			
Per cent of increase.....	177.11	173.09	7,105.39				
Line per 100 square miles of area.....	1.60	0.58	0.21				
Line per 10,000 inhabitants.....	51.98	30.51	18.28	0.42			

a The totals for the United States previous to 1880 are those given in volume iv, Tenth Census, pages 289, 290. The arrangement for groups for previous years has been adjusted to conform to that of 1890.

A comparison of the columns showing the length of line by groups for the years 1880 and 1890 is suggestive. The percentage increase during this decade was 86.45. By comparing this rate with the rate in the several groups, it is observed to be in excess of the percentage in Groups I, II, III, and VI, that is to say, in the trunk line territory and in the territory occupied by railroads running west from Chicago. In the remainder of the country, that is, in the southern states and in the states and territories lying west of the Missouri and Mississippi rivers, the percentage increase exceeds the average for the entire country. The highest rate of increase is observed in Group VII, which shows a growth of railroads from 2,541.90 miles in 1880 to 8,886.93 in 1890, being an increase of 249.62 per cent.

The length of line per 100 square miles of area in the United States is 5.51 miles. All groups except Groups VII, IX, and X are in excess of this figure; that portion of the United States where the greatest density of line is found is Group II and Group III, which show 17.16 miles and 17.24 miles per 100 square miles of territory, respectively. Other comparisons are suggested by this summary.

Table 2 shows the length of operated line by groups for each of the years 1880 to 1890, inclusive. It will be observed that the total mileage, as shown in the summary of this table, is 166,558.15 as against 163,562.12 given in previous summaries. This difference is explained by the fact that the smaller figure pertains to physical mileage, while the larger shows the length of operated line; also by the fact that 473.04 miles of railroads operated in Canada are included. The operated mileage, and not the physical mileage, is accepted as the basis of all computations pertaining to statistics of operation.

Table 2 is one of the most interesting tables in the present report, since it shows not only the mileage for each of the 11 years by companies, but indicates, by the manner in which the data is presented, the consolidations, mergers, leases, and the like which have taken place. It thus presents a history of changes in organizations, as well as a statistical exhibit of the course of construction; and in the "Remarks" column of the table will be found a concise statement explanatory of the reason why mileage assigned to one line disappears at any given year, and indicates under what name the mileage in question can be traced. The condensed statement respecting changes in corporate organizations embodied in this table will serve as a means of easy reference for one who desires to study the corporate history of railroads during the decade.

From the summary of Table 2 it will be observed that there have been two periods of intense railroad construction between 1880 and 1890. The first of these embraces the years 1881, 1882, and 1883, when the average of mileage constructed per year amounted to over 9,600 miles, or a total increase of 32 per cent for the 3 years. The second period covers the years 1887 and 1888, during which time over 21,000 miles were added to the railroad mileage, being an increase of 16 per cent for the 2 years. In no other year during the decade does the percentage of annual increase attain 5 per cent, while the average percentage increase for the years 1884, 1885, and 1886 was over 3 per cent, and the average increase for 1888 and 1889 was nearly 4 per cent. The expansion of railroads in the first period referred to, 1881 to 1883, inclusive, seems to have been quite general, but from the point of view of railroad history the construction which occurred in Groups II and III are most significant, since the increase in mileage in these groups was in large measure due to the paralleling of great trunk lines. The expansion of mileage in 1887 and 1888 is especially marked in Groups VI, VII, and VIII, which, upon investigation, will be found to have resulted from the competition between great railroad lines for control over new and undeveloped territory. A considerable portion of the increase in mileage in Kansas (from 3,384.74 miles in 1880 to 8,806.45 miles in 1890) is due to construction during this period, a construction which caused the length of line per 10,000 inhabitants to expand from 33.98 miles in 1880 to 61.71 miles in 1890. This latter figure is exceeded by no state which depends in any considerable degree upon local traffic for the support of railroad property. Increase in mileage in Groups IV and V, that is to say, the territory south of the Ohio and Potomac rivers and east of the lower Mississippi, seems to have been quite normal and to indicate a continuous and healthy growth.

#### EQUIPMENT.

What is technically called the equipment of a railroad consists in locomotives and cars of all kinds. In Table 3, which exhibits the equipment of railroads in the United States by groups on June 30, 1890, the rolling stock of the carriers is classified as locomotives, cars in passenger service, cars in freight service, cars in company's service, and cars contributed to fast freight service.

To discover the aggregate number of freight cars owned by companies in the freight service, cars contributed to the fast freight service should be added to those classified as cars in freight service. Cars of independent corporations, however, organized as fast freight lines, are not included in the number returned.

The statistics of equipment are incomplete also in that they do not cover the rolling stock of corporations designed for some special service, and for which the railroads pay mileage, such as palace stock cars, sleeping cars, refrigerator cars, and the like. It has been estimated that the annual payment for private cars of this class exceeds \$30,000,000.

The classification of cars may be accepted as accurate, but some allowance should be made for any argument based upon the classification of locomotives, on account of the fact that the distinction between freight locomotives and passenger locomotives, which in the past was so clearly defined, is coming to be ignored by the railroads. This does not indicate a laxness in accounts, but is due to the fact that the differences in construction of freight and passenger locomotives are gradually passing away. The increasing speed required of freight trains and the increasing weight of passenger trains render it possible for locomotives to be used in either service as convenience may dictate, and railroads are, as a matter of fact, coming to follow this practice.

In the summary on the following page will be found a comparative statement of equipment for the years 1880 and 1890, classified as in Table 3, and assigned for each of the years named to 100 miles of line.

## STATISTICS OF TRANSPORTATION.

## COMPARATIVE STATEMENT OF EQUIPMENT OF RAILROADS FOR 1880 AND 1890.

CLASSIFICATION OF EQUIPMENT.	1890	1880 (a)	PER 100 MILES OF LINE.	
			1890	1880 (a)
Locomotives .....	30,153	17,301	20	20
Freight .....	10,819	9,042	11	11
Passenger .....	9,183	5,088	6	6
Switching, etc. ....	4,151	2,361	3	3
Cars in passenger service .....	27,653	10,170	18	18
Ordinary .....	19,494	11,007	12	13
Sleeping .....	510	277	21	21
Parlor .....	373	128		
Dining .....	104	37		
Baggage, postal, and express, including combination cars .....	7,106	4,127	5	4
Cars in freight service .....	937,109	499,442	630	567
Box .....	403,855	194,563	261	222
Flat .....	131,079	70,553	84	80
Stock .....	57,351	23,593	37	32
Coal .....	354,091	183,552	226	208
Tank .....	2,056	3,020	1	3
Refrigerator .....	8,570	310	5	21
Other cars .....	24,507	18,842	16	21
Cars in company's service .....	32,484	8,276	21	9
Cars contributed to fast freight service .....	60,400	25,973	39	29

a The figures for 1880 are from "decennial" schedules for 1880-1889, and not from the report of the Tenth Census.  
 b A fraction of a car.

The significant facts suggested by this comparison are, first, no change so far as locomotives per 100 miles of line are concerned has taken place between the years 1880 and 1890; second, no change appears, so far as total cars per 100 miles of line in passenger service are concerned, although passenger cars proper in 1890 were 12 per 100 miles of line as against 13 in 1880; third, a marked change is observed in the case of cars assigned to freight service: box cars have increased from 222 per 100 miles of line to 261, flat cars from 80 to 84, stock cars from 32 to 37, coal cars from 208 to 226, and refrigerator cars from less than 1 to 5. Part of the increase thus indicated may be due to the better classification in 1890 than in 1880, since it is observed that cars other than those mentioned have decreased from 21 to 16 per 100 miles of line, but this can not account for the general increase in density of freight equipment.

It should be remarked that the figures of equipment in the preceding summary for 1880 were obtained by direct computation, and are different from the figures returned in the Tenth Census. This is the only instance in which the figures reported by the census of 1880 have been departed from; a decision which was rendered necessary by the fact that the number of freight cars returned in the Tenth Census was upon the basis of wheelage and not the result of a simple account. There is, however, no great discrepancy between the totals returned in the Tenth Census and those in the above summary for the year 1880.

The next summary makes certain assignments of equipment to the amount of traffic, the character of these assignments being indicated by the headings of the respective columns.

## ASSIGNMENT OF EQUIPMENT TO AMOUNT OF TRAFFIC, BY GROUPS: 1890.

GROUPS.	Passengers carried per passenger locomotive.	Passenger miles per passenger locomotive.	Tons carried per freight locomotive.	Ton-miles per freight locomotive.	Passenger cars per 1,000,000 passengers carried.	Freight cars per 1,000,000 tons of freight carried.
The United States .....	56,121	1,351,224	39,100	4,833,484	54	1,501
Group I .....	120,762	1,182,715	49,780	3,574,140	30	1,071
Group II .....	84,448	1,458,002	52,673	5,840,711	43	1,331
Group III .....	43,887	1,316,867	50,903	6,058,178	64	1,254
Group IV .....	21,074	806,341	32,679	4,890,346	98	1,856
Group V .....	33,358	1,203,796	34,140	3,708,138	92	1,479
Group VI .....	38,334	1,231,093	20,655	4,422,782	68	2,023
Group VII .....	21,381	1,692,466	24,073	4,109,693	126	1,748
Group VIII .....	18,372	936,419	21,285	3,557,485	134	2,231
Group IX .....	15,905	889,452	15,875	2,904,656	165	2,839
Group X .....	49,944	1,681,923	15,115	3,014,504	61	2,316

# STEAM RAILROADS.

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## EMPLOYÉS.

In the summary immediately following will be found a statement of the number of railroad employés on June 30, 1890, classified as engaged in "General administration", "Maintenance of way and structures", "Maintenance of equipment", and "Conducting transportation". This classification of employés follows the same theory of organization as is followed by the official classification of operating expenses.

### EMPLOYÉS ON RAILROADS IN THE UNITED STATES, BY GROUPS: JUNE 30, 1890.

GROUPS.	EMPLOYÉS.									
	General administration.		Maintenance of way and structures.		Maintenance of equipment.		Conducting transportation.		Total.	
	Number.	Per 100 miles of line.	Number.	Per 100 miles of line.	Number.	Per 100 miles of line.	Number.	Per 100 miles of line.	Number.	Per 100 miles of line.
The United States...	30,361	19	233,582	149	149,646	96	336,428	215	750,017	479
Group I .....	1,829	27	14,076	204	7,810	113	28,972	420	52,687	764
Group II .....	6,948	88	52,737	289	41,023	228	98,208	539	199,000	1,095
Group III .....	4,126	19	32,211	151	24,587	115	58,332	273	119,250	557
Group IV .....	1,093	13	11,090	127	6,050	69	14,603	167	32,830	376
Group V .....	2,334	14	22,316	198	12,428	77	25,277	157	62,355	367
Group VI .....	6,014	16	46,147	124	29,137	78	58,905	158	140,203	376
Group VII .....	1,425	16	11,466	130	6,250	71	9,818	112	28,950	329
Group VIII .....	4,080	20	23,297	117	13,118	66	24,032	120	64,527	323
Group IX .....	1,130	14	9,830	110	4,306	53	8,833	107	24,230	293
Group X .....	1,882	13	10,412	94	4,247	39	9,308	85	25,340	232

In some cases the roads failed to report their employés according to the above classification, and it was necessary to make an assignment on the basis of percentages which were discovered to exist on roads in the same locality which made full reports. It is believed the result, which shows that 19 men per 100 miles of line are engaged in connection with general administration, 149 in connection with maintenance of way and structures, 96 in connection with maintenance of equipment, and 215 in connection with conducting transportation, is entirely trustworthy for any general conclusions respecting railroad economy.

The assignment of employés per 100 miles of line in the various groups suggests the relative importance of the industry of transportation. In Group II, for example, there are 1,095 men per 100 miles of line, and in Group III there are 557, while the average for the United States is 479, and in Group X the number falls to 232. Facts of this sort indicate that conditions of the railroad industry are very different in different parts of the country.

The next summary presents a comparative statement of employés for the years 1880 and 1890, according to the most comprehensive classification which could be secured for the purpose. It shows the total number of employés in each class and the assignment of these totals to a mileage basis. Here, as in the case of equipment, the significant fact is, that the 10 years of development have made no appreciable change in the number of employés per 100 miles of line.

### COMPARATIVE SUMMARY OF EMPLOYÉS ON RAILROADS: 1880 AND 1890.

CLASSES.	1890		1880	
	Number.	Per 100 miles of line.	Number.	Per 100 miles of line.
Total .....	750,017	479	418,957	477
General officers .....	5,160	8	3,375	4
General office clerks .....	22,239	14	8,055	10
Station men .....	111,064	71	63,380	72
Engineers .....	33,354	21	18,977	22
Conductors .....	23,513	15	12,410	14
Other train men .....	96,368	61	48,254	55
Machinists .....	27,601	18	22,766	26
Carpenters .....	37,936	24	23,202	26
Other shopmen .....	80,733	52	43,746	50
Track men .....	221,834	142	122,489	139
All others .....	90,215	58	51,694	59

## STATISTICS OF TRANSPORTATION.

It must not, however, be assumed that no change has taken place in the efficiency of railroad employes, a fact which may be learned from a computation showing the amount of freight hauled and the number of passengers carried per man engaged in conducting transportation in the years 1880 and 1890, respectively. This computation is given in the following statement:

COMPARATIVE STATEMENT SHOWING THE EFFICIENCY OF ONE MAN ENGAGED IN CONDUCTING TRANSPORTATION IN 1880 AND IN 1890.

MEASURE OF SERVICE RENDERED.	1890	1880
Tons of freight carried .....	1,955	1,578
Tons of freight carried 1 mile .....	241,634	175,484
Passengers carried .....	1,532	1,462
Passengers carried 1 mile .....	36,883	31,190

## FINANCIAL STATISTICS.

The financial statistics presented in this report are of two sorts, technically known as the income account and the balance sheet. It is the purpose of the income account to present the income and expenditures of a corporation for a given period, usually the year, the result of the income account being a surplus or deficit arising from the operations of the year. It has nothing to do with the capital account, except so far as it incorporates the interest accruing upon obligations and dividends paid upon stock, nor can it be accepted as a final indication respecting financial standing. The balance sheet, on the other hand, is designed to exhibit the results of operations from the beginning of the life of a corporation to the date of report, and has to do with the income and expenditures due to traffic operations of any particular year only so far as the annual surplus or deficit tends to increase or decrease the profit and loss account.

Table 5 shows the income and expenditures during the year ending June 30, 1890. The summary statement is made for the railroads as a whole and for the several groups. The number of miles of line in each group whose operations are included in the corresponding income account will be found in the first column.

A word of explanation may be needed respecting Table 5. It should be noted in the first place that it includes the income account of subsidiary as well as of operating companies, a fact which makes the totals in certain of the columns larger than they otherwise would be. For example, a part of "Earnings from operations" is assigned to the payment of "Rentals" upon leased lines, which sum in its turn may be credited to "Income from lease of road" to subsidiary lines, and again paid out as "Interest on funded debt accrued during the year" and "Dividends declared". This form of income account was followed in order that comparisons might be instituted with the statistics of income and expenditure reported at the Tenth Census.

A second peculiarity is that the income account presents a deficit as well as a surplus, and includes a statement of payments made by companies having no net income; the surplus, therefore, is not the true surplus from operations of railroads, but the aggregate of the surpluses declared by companies whose income exceeded expenditure.

It will be observed in the third place that the above income account is adjusted to the principle of accruals rather than to that of final payments. For example, the interest charged is not necessarily the amount paid but the amount which has accrued during the 12 months in question, and consequently stands as a charge against earnings. In the case of dividends, also, it is dividends declared during the 12 months ending June 30, 1890, which find place in the income account and not dividends paid.

A few facts in the summary to Table 5 are worth special notice. The aggregate earnings from operation are \$1,074,104,550.13, which shows that the railroads received for the services which they rendered to the public a sum in excess of the amount collected in the form of taxes by the federal government, the state governments, the municipalities, and the minor civil divisions. Thus the service of transportation costs the public more than the service of government. It is something of a measure of the extent to which concentration of railroad control has proceeded in this country to observe that \$77,792,343.38 is annually received by railroad corporations as rental upon lines leased, and that \$52,439,057.72 is passed to the credit of railroad companies on account of the interest and dividends upon bonds and stocks (the great majority being bonds and stocks issued by railroads) which are the property of railroad corporations.

The sum of \$31,943,020.10 is charged to taxes. It is doubtful, however, whether this shows the aggregate of taxes paid, inasmuch as some railroad accountants insist on including taxes in operating expenses; but accepting this figure as the amount paid by railroads to the support of government, it appears that the transportation industry is chargeable with about 3.5 per cent of the aggregate public expenditures.

The chief significance of an income account appears when placed in comparison with some previous account. In the summary on the following page will be found a comparative statement of income and expenditure for the years 1880 and 1890, and inasmuch as the mileage of the railroads during the period intervening between these two dates has increased 75,760.70 miles, all items are reduced to a mileage basis for purpose of comparison.



# STEAM RAILROADS.

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## COMPARATIVE INCOME ACCOUNT FOR RAILROADS IN THE UNITED STATES: 1880 AND 1890.

ITEMS.	1890			1880			Per mile of line.	
	Amount.	Total.	Aggregate.	Amount.	Total.	Aggregate.	1890	1880
<b>Income:</b>								
Earnings from transportation.....		\$1,074,104,550.13			\$580,450,594.20		\$6,695.00	\$6,612.41
Income from lease of road.....	\$77,792,343.38			\$53,543,710.53			484.89	609.96
Income from all other sources.....	52,439,037.72			27,301,086.83			326.60	311.01
Total.....		130,231,401.10			80,844,707.36		811.75	920.97
Total income.....			\$1,204,335,951.23			\$661,205,301.62	7,506.75	7,533.38
<b>Expenditures:</b>								
Transportation expenses.....	705,914,954.87			339,516,301.65			4,400.04	3,867.72
General expenses of lessor companies.....	2,454,542.80			1,870,847.95			15.30	21.42
Fixed charges:								
Interest on funded debt.....	216,866,752.73			126,442,309.67			1,351.75	1,440.41
Interest on current liabilities.....	8,793,010.57			9,037,797.05			54.81	102.96
Rentals.....	92,372,287.41			51,790,718.05			575.77	589.69
Taxes.....	31,943,020.10			13,283,810.10			199.10	151.33
Permanent improvements.....	5,181,650.76						32.32	
Other deductions.....	26,127,746.34						162.86	
Total expenditures.....		1,089,656,971.58			541,950,794.97		6,791.04	6,173.83
Deduct expenditures of some companies over income.....		30,025,133.10			14,714,501.15		187.15	167.63
			1,059,631,838.39			527,236,293.82	6,004.70	6,006.20
Net income.....			144,704,112.84			134,050,097.80	901.96	1,527.18
<b>Payments from net income:</b>								
Dividends declared.....	87,723,728.69				70,550,341.78		546.79	803.70
Other payments from net income.....	6,619,066.87						41.20	
Total.....		94,342,795.56					588.05	
Less payments by companies having no net income (1890).....		6,075,353.83					37.87	
Deduct dividends paid by companies over their net income (1880).....			88,267,439.73		529,974.30		550.18	6.04
						70,020,307.42		797.66
Surplus.....			56,436,673.11			704,038,730.38	351.78	729.52

a Against this surplus of some companies stand \$36,100,487.02 of deficits of other companies, being \$225.01 per mile of line.  
b Against this surplus of some companies stand \$15,244,475.51 of deficits of other companies, being \$173.66 per mile of line.

Some of the significant items may be noted. Earnings from transportation have increased from \$6,612.41 per mile of line in 1880 to \$6,695.00 per mile of line in 1890. The per mileage income from lease of road, as also from investments, has fallen, so that the total income of railroads per mile of line in 1890 was \$26.63 less than in 1880, that is to say, so far as the items of income are concerned there is practically no change when comparison is made upon a mileage basis. Operating expenses have increased from \$3,867.72 per mile of line to \$4,400.04 per mile of line. This marked increase in operating expenses when compared with the increase in income from operation must not be accepted as proving that there has been no advance in the economy of administration, or as furnishing any evidence that railroads are not subject to the commercial law that economy of administration follows extension of operations. This divergence of movement is due to a decrease in the charges for which railroad service is rendered, and shows that the reduction of rates has proceeded more rapidly than the increase in economy.

The general expenses of lessor companies, like the income from lease of road, has fallen, also the amount of interest accruing on the funded debt, this being \$1,440.41 per mile of line in 1880 as against \$1,351.75 in 1890. The interest on accruing liabilities and rentals per mile of line are also less in 1890 than in 1880, while taxes have slightly increased, being \$151.33 in 1880 and \$199.10 in 1890. It will be observed that no charge is made in the income account against "Permanent improvements" in 1880, and that no provision was made for "Other deductions". Should these figures be distributed in 1890, there would result a slight modification in the other items returned, but this modification would not be so great as to impair in the least the lesson which the above comparison presents.

The total expenditures of companies enjoying actual income was \$6,791.94 per mile of line in 1890 as against \$6,173.83 per mile of line in 1880, which sums, being reduced for the 2 years respectively by the expenditures of companies in excess of income and compared with the total income, show a net income to the railroads of \$901.96 per mile of line in 1890 as against \$1,527.18 per mile of line in 1880. The final result of the two income accounts subjected to comparison shows a surplus of \$351.78 per mile of line in 1890 as against \$729.52 per mile of line in 1880. The deficits for the 2 years are \$225.01 per mile of line in 1890 and \$173.66 in 1880 leaving a net surplus of \$126.77 per mile of line in 1890 to be compared with \$555.86 per mile of line in 1880. The steps by which this result has been attained may be learned from a study of Table 10, which exhibits operations of railroads for each of the years 1881 to 1890, inclusive.

The two summaries which follow subject the figures in the foregoing comparative income account to analysis. In the first will be found a classification of passenger and freight income arising from local and through traffic, the amounts received by railroads for carrying the express and the mail, and all other earnings from operation. In the second will be found an analysis of operating expenses.



## STATISTICS OF TRANSPORTATION.

## COMPARATIVE ANALYSIS OF EARNINGS FROM OPERATIONS: 1880 AND 1890.

ITEMS.	1890				1880			
	Amount.	Per cent.	Total.	Per cent.	Amount.	Per cent.	Total.	Per cent.
Passengers:								
Local	\$114,005,421.17	42.12			\$98,321,340.02	68.23		
Through	43,389,197.17	16.03			44,514,392.86	30.89		
All other	113,287,642.85	41.85			1,265,976.29	88		
Total			\$270,682,261.19	25.20			\$144,101,709.17	24.83
Express			20,488,832.73	1.91			8,828,259.48	1.62
Mails			23,713,902.26	2.21			10,472,812.56	1.80
Freight:								
Local	197,468,611.64	26.88			233,638,201.01	56.16		
Through	177,593,532.36	24.18			176,999,181.18	42.51		
All other	6359,463,582.81	48.94			5,548,425.07	1.33		
Total			784,525,726.81	68.88			416,145,758.16	71.69
Other earnings from operation			24,693,767.09	2.30			902,054.89	6.16
Total			1,074,104,550.13	100.00			589,450,594.26	100.00

a Unsegregated as to local and through, including \$5,072,540.39 other items assignable to passenger service.

b Unsegregated as to local and through, including \$3,255,025.43 other items assignable to freight service.

## COMPARATIVE ANALYSIS OF OPERATING EXPENSES: 1880 AND 1890.

ITEMS.	1890			1880		
	Amount.	Per cent.	Per cent of earnings.	Amount.	Per cent.	Per cent of earnings.
Total operating expenses	\$765,914,954.87	100.00	65.72	\$559,516,301.65	100.00	58.49
Maintenance of way and structure	153,101,349.63	22.11	14.53	89,269,224.16	20.30	15.98
Repairs of roadway	76,896,925.82	10.88	7.15	89,603,076.00	11.00	6.82
Renewals of rails	9,198,081.76	1.30	0.80	17,243,950.43	5.08	2.97
Renewals of ties	18,152,028.86	2.57	1.60	10,741,577.06	3.16	1.85
Repairs of bridges and culverts	19,623,351.80	2.78	1.83	9,003,097.20	2.05	1.55
Repairs of fences and crossings	4,233,426.76	0.60	0.39	1,480,925.60	0.44	0.25
Repairs of buildings	12,614,347.36	1.70	1.17	7,644,121.24	2.25	1.32
Repairs of telegraph	1,017,092.27	0.14	0.09	3,576,476.45	1.06	0.62
Unsegregated	14,456,694.99	2.05	1.35			
Maintenance of equipment	115,989,501.24	16.43	10.80	54,985,340.51	16.10	9.47
Repairs and renewals of locomotives	41,745,021.96	5.91	3.83	21,850,963.43	6.43	3.76
Repairs and renewals of passenger cars	16,504,359.91	2.34	1.53	10,558,823.99	3.11	1.82
Repairs and renewals of freight cars	42,930,756.80	6.08	4.00	22,505,553.09	6.65	3.89
Unsegregated	14,809,365.57	2.10	1.33			
Conducting transportation	300,923,731.86	51.13	33.09	171,580,910.61	50.54	29.56
Locomotive service	62,265,119.73	8.82	5.80	27,233,567.54	8.02	4.69
Fuel for locomotives	63,986,424.42	9.05	5.96	32,826,470.47	9.07	5.69
Water supply	4,713,890.20	0.67	0.44	2,388,806.06	0.70	0.41
Other locomotive supplies	4,721,805.59	0.67	0.44	3,754,671.25	1.11	0.65
Passenger train service	14,814,555.89	2.10	1.38	10,026,030.00	2.06	1.73
Freight train service	85,326,254.01	5.00	3.29	19,892,343.01	5.86	3.43
Train supplies, passenger service	3,664,154.60	0.52	0.34	1,148,810.20	0.34	0.20
Train supplies, freight service	4,282,345.93	0.61	0.40	1,260,964.52	0.37	0.22
Car mileage and switching charges, balances, passenger service	3,374,348.58	0.48	0.31	807,525.36	0.24	0.14
Car mileage and switching charges, balances, freight service	14,935,474.79	2.12	1.39	7,781,828.43	2.29	1.34
Agents and station service	83,134,200.52	12.40	8.20	36,767,299.20	10.83	6.83
Station supplies	5,518,797.93	0.78	0.51	2,871,932.09	0.85	0.49
Loss and damage	5,807,192.96	0.82	0.54	2,078,286.91	0.61	0.36
Injury to persons	5,432,825.43	0.77	0.51	1,877,977.58	0.41	0.24
Other expenses	11,003,557.56	1.56	1.02	21,328,325.70	6.28	3.67
Unsegregated	82,989,958.53	4.06	3.07			
General expenses	72,899,722.15	10.33	0.79	23,650,787.37	0.97	4.08
Salaries of general officers and clerks, including supplies	25,842,667.30	3.66	2.41	12,215,850.06	3.00	2.11
Outside agencies and advertising	14,754,699.37	2.09	1.38	4,737,510.56	1.40	0.82
Insurance	2,291,923.35	0.33	0.21	928,833.77	0.27	0.16
Legal expenses	4,822,262.37	0.68	0.45	2,457,904.98	0.73	0.42
Stationery and printing	5,678,446.40	0.81	0.53	2,692,011.00	0.70	0.46
Other general expenses	13,778,294.77	1.95	1.28			
Unsegregated	5,731,428.59	0.81	0.53	621,077.00	0.18	0.11

The comparison of income in the first summary, so far as local and through traffic are concerned, is of relatively slight importance in this connection on account of incomplete returns in the schedules of 1890. This is due in part to the fact that railroad commissions, both federal and state, have abandoned the attempt to secure local traffic as distinct from through traffic, and that, owing to changes in the conditions under which transportation industry is carried on, many railroads have given up these accounts. The meaning of local traffic, according to the definition contained in the schedules, is traffic originating on a line making the report, while through traffic means traffic received from connecting lines. The income from local as distinguished from through traffic is retained in the above summary as throwing some light upon the significance of the commodity table.

A comparison of the percentage earnings arising from various classes of service indicates that the passenger service is of relatively greater importance in 1890 than it was in 1880. Thus the passenger earnings, which in 1880 comprised 24.83 per cent of total earnings, have risen to 25.20 per cent. The amount paid by express companies in 1880 was \$8,828,259.48 and for carrying mails was \$10,472,812.56 as against \$20,488,832.78 for carrying express and \$23,713,962.26 for carrying mails in 1890. On the basis of percentages, income from express rose from 1.52 per cent of total income from operation in 1880 to 1.91 per cent in 1890 and income from carrying mails rose from 1.80 per cent of income from operation in 1880 to 2.21 per cent in 1890.

This increase in percentage earnings from passenger service is offset by a decrease in the percentage earnings from freight service, the per cent of total earnings arising from freight service in 1880 being 71.69 as against 68.38 in 1890. This movement is entirely natural, and reflects in railroad statistics a tendency toward concentration of population in cities and a consequent increase of travel during the past decade.

The second of the foregoing summaries presents an analysis of operating expenses, and shows not only the amount of expenditure assigned to the 4 great accounts: maintenance of way and structure, maintenance of equipment, conducting transportation, and general expenses, but in addition certain important items under these general heads. It will be noted that quite a number of subaccounts under "Conducting transportation" are assigned to passenger and to freight service, respectively. The conclusions which may be drawn from these figures are numerous.

The analysis of income for 1890 by territorial groups will be found in Table 6; the general facts which it contains present themselves again in connection with Table 10.

Besides the income account, the balance sheet is also included in financial statistics, which, if properly drawn, gives an accurate exhibit of the financial standing of corporations. It should be one of the easiest of all accounts to compile. As a matter of fact, however, owing to the different ways of drawing contracts which give rise to liabilities and to the different ways of expressing investments of capital, it is exceedingly difficult to reduce the reports to a uniform basis for the purpose of compilation. The following summary is a condensed comparative balance sheet for all railroads for the years 1880 and 1890:

## COMPARATIVE BALANCE SHEET FOR THE RAILROADS OF THE UNITED STATES: 1880 AND 1890.

## ASSETS.

1890			1880		
Items.	Amount.	Total.	Items.	Amount.	Total.
Permanent investments:			Permanent investments:		
Construction of roads (including equipment).	\$8,040,767,804.43		Construction of roads (including equipment).	\$4,530,412,634.81	
Lands (including buildings and telegraph lines).	79,990,809.08		Lands (including buildings and telegraph lines).	308,233,041.10	
Stock (of other companies) .....	590,978,214.65		Stock (of other companies) .....	184,868,526.91	
Bonds (of other companies) .....	235,932,326.21		Bonds (of other companies) .....	158,939,604.61	
Other permanent investments .....	405,334,700.60		Other permanent investments .....		
		\$9,352,943,854.97			\$5,182,445,806.93
Cash and current assets:			Cash and current assets:		
Cash .....	87,383,083.30		Cash .....	61,211,512.74	
Bills receivable .....	81,205,026.52		Bills receivable .....	81,004,427.54	
Due from agents and companies .....	118,424,240.75		Due from agents and companies .....	70,814,154.94	
Debit balances .....	51,350,726.80		Debit balances .....	117,100,225.29	
Material and supplies .....	98,590,275.70		Material and supplies .....	44,294,001.54	
Sinking fund .....	72,975,136.52		Sinking fund .....	20,498,758.96	
Other assets .....	145,461,208.34		Other assets .....		
		575,500,607.43			353,973,980.81
Profit and loss (reported by some companies) .....		157,496,170.75	Profit and loss (reported by some companies) .....		122,494,370.36
Assets .....		10,085,940,723.15	Assets .....		5,658,014,158.10

## STATISTICS OF TRANSPORTATION.

COMPARATIVE BALANCE SHEET FOR THE RAILROADS OF THE UNITED STATES: 1880 AND 1890—Continued.

## LIABILITIES.

1890			1880		
Items.	Amount.	Total.	Items.	Amount.	Total.
Capital stock.....		\$4,368,114,120.03	Capital stock.....		\$2,613,606,264.45
Funded debt:			Funded debt:		
Mortgage bonds.....	\$4,199,968,423.40		Mortgage bonds.....		
Miscellaneous obligations.....	308,612,205.43		Miscellaneous obligations.....		
Income bonds.....	122,892,555.25		Income bonds.....		
		4,631,473,184.08			2,390,915,401.63
Unfunded debt:			Unfunded debt:		
Interest accrued but unpaid.....	155,353,679.07		Interest accrued but unpaid.....	\$68,750,287.93	
Dividends unpaid.....	12,657,830.89		Dividends unpaid.....	13,059,982.63	
Notes payable.....	121,049,151.36		Notes payable.....	85,573,269.59	
Vouchers and accounts.....	164,966,332.59		Vouchers and accounts.....	253,817,353.30	
Rentals and miscellaneous.....	266,617,656.85		Rentals and miscellaneous.....		
		720,644,156.76			421,200,893.50
Profit and loss (reported by some companies).		365,709,262.28	Profit and loss (reported by some companies).		233,191,598.40
Liabilities.....		10,085,940,723.15	Liabilities.....		5,058,914,158.10

## TRAFFIC OPERATIONS.

Under the head of "Traffic operations" are included such statistics as show the character of the traffic undertaken by the railroads.

The analysis of freight traffic is presented in detail in Table 8, which shows not only local and through freight, that is to say, "Freight originating on each road" and "Freight received from connecting roads", but classifies this freight as "Products of agriculture", "Products of animals", "Products of mines", "Products of forests", "Manufactures", "Merchandise", and "Miscellaneous", and also carries this double classification through by territorial groups. This table is a mine of information for anyone who desires to determine the character of the transportation business. One can not study this table with care without observing the comparatively large amount of freight not reducible to the classification which the table assumes. Thus, out of a total of 640,452,548 tons of freight carried by the railroads, 107,357,814 are not divided as between local and through traffic, and 82,446,395 are reported as miscellaneous commodities and commodities not distributed to classes. At first glance it seems as though this large amount of unclassified and unsegregated freight would destroy its value. Such a conclusion, however, is not correct, for when one subjects this unsegregated and unclassified freight to analysis and notices the lines which have failed to give complete commodity reports, he is impressed with the representative character of the work, and feels justified in accepting the table as giving a trustworthy exhibit of the character of railroad traffic.

For the purpose of independent judgment in this regard there is inserted at this point a statement explaining in detail the unsegregated and unclassified tonnage by groups.

## STATEMENT SHOWING UNSEGREGATED AND UNCLASSIFIED TONNAGE IN DETAIL, BY GROUPS.

## GROUP I.

Out of a total tonnage of 39,475,504 tons, 50.05 per cent, or 19,755,820 tons, are not separated into classes as "Agriculture, animals", etc., of which 6,309,872 tons are not divided as to "Freight originating on this road" and "Freight received from connecting roads and other carriers".

This is accounted for as follows:

1. The Central Vermont Railroad Company carried 3,273,143 tons and the Concord and Montreal Railroad Company carried 3,036,729 tons, aggregating 6,309,872 tons. Neither of these companies made a division of their tonnage into "Freight originating" and "Freight received".

2. As to the item of 19,755,820 tons not separated into classes of commodities:

This consisted of two things entirely distinct, (1) the nonsegregation by 15 companies of their freight into the named classes, amounting to 14,593,311 tons, and (2) commodities carried by roads segregating their freight into the named classes but carrying in addition thereto other commodities amounting to 5,162,509 tons not falling within the specified classes.

The 15 roads not reporting the classification of their freight as to commodities are the following:

	TONS.
Atlantic and St. Lawrence Railroad Company .....	878, 051
Bangor and Piscataquis Railroad Company .....	76, 325
Boston and Maine Railroad Company .....	6, 505, 909
Bridgton and Saco River Railroad Company .....	10, 190
Central Vermont Railroad Company .....	3, 273, 143
Clarendon and Pittsford Railroad Company .....	64, 348
Concord and Montreal Railroad Company .....	3, 036, 729
Fall River, Warren and Providence Railroad Company .....	949
Grafton and Upton Railroad Company .....	16, 947
Montpelier and Wells River Railroad Company .....	64, 718
Providence and Springfield Railroad Company .....	77, 388
St. Johnsbury and Lake Champlain Railroad Company .....	541, 299
Sandy River Railroad Company .....	13, 670
South Manchester Railroad Company .....	28, 426
York Harbor and Beach Railroad Company .....	5, 219
Total unsegregated tonnage .....	14, 593, 311
Tonnage of roads classifying their freight but carrying miscellaneous commodities other than the named classes .....	5, 162, 509
Total unclassified tonnage .....	19, 755, 820

## GROUP II.

Out of a total tonnage of 237,293,176 tons, 13,160,800 tons, or 5.54 per cent, is shown not classified by commodities, while 14,702,356 tons are not divided as to "Freight originating" and "Freight received", etc.

This may be explained as follows:

1. The following 13 roads do not report a segregation of their freight into "Originating" and "Received":

	TONS.
Addison and Pennsylvania Railway Company .....	60, 101
Baltimore and Ohio Railroad Company (east of Ohio river) .....	9, 859, 357
Bradford, Eldred and Cuba Railroad Company .....	26, 468
Elmira, Cortland and Northern Railroad Company .....	490, 792
Fonda, Johnstown and Gloversville Railroad Company .....	131, 237
Huntingdon and Broad Top Mountain Railroad and Coal Company .....	2, 006, 675
Kaaterskill Railroad Company .....	4, 223
Kanona and Prattsburg Railroad Company .....	8, 460
National Docks Railway Company .....	419, 947
New Jersey and New York Railroad Company .....	126, 626
New York, Ontario and Western Railway Company .....	1, 473, 788
Northern Adirondack Railroad Company .....	78, 925
Stewartstown Railroad Company .....	15, 757

Total..... 14, 702, 356

2. The 13,160,800 tons (designated in the summary as "Miscellaneous tonnage") consisted entirely of commodities other than and in addition to the named classes, every road in this group of states making a segregation of the commodities carried, and nearly every road carrying in addition to the named commodities a certain amount of others not falling within these classes.

## GROUP III.

In this group, out of a total tonnage of 139,372,456 tons, 12,459,586 tons are not divided into "Freight originating", etc., and "Freight received", etc., while 7,476,787 tons, or 5.36 per cent, is shown not separated into classes of commodities.

These two points may be explained as follows:

1. The following 11 roads do not report a division of their freight carried into "Originating" and "Received":

	TONS.
Baltimore and Ohio Railroad Company (west of Ohio river) .....	4,294,591
Chicago and Atlantic Railway Company .....	1,792,782
Chicago, Detroit and Canada Grand Trunk Junction Railway Company .....	315,191
Columbus and Cincinnati Midland Railroad Company .....	305,276
Columbus, Shawnee and Hocking Railway Company .....	312,024
Indianapolis, Decatur and Western Railway Company (line in Indiana) .....	176,695
Ohio Southern Railroad Company .....	778,890
Pittsburg and Castle Shannon Railroad Company .....	24,779
Scioto Valley and New England Railroad Company .....	735,620
Tionesta Valley Railroad Company .....	67,969
Wabash Railroad Company (east of Danville) .....	3,655,769
Total .....	12,459,586

2. Of the 7,476,787 tons not separated into classes of commodities and designated in the summary as "Miscellaneous tonnage", 7,058,720 tons, or all but 418,067 tons, consisted of commodities other than and in addition to the designated classes.

Every road in this group, with the exception of the Bellaire, Zanesville and Cincinnati Railroad Company, carrying 29,688 tons; Chicago, Detroit and Canada Grand Trunk Junction Railway Company, carrying 315,191 tons, and the Ivorydale and Mill Creek Valley Railway Company, carrying 73,188 tons, aggregating 418,067 tons, making a segregation of commodities carried, and nearly every road carrying in addition to the named commodities a certain amount of freight not falling within the specified classes.

## GROUP IV.

In Group IV, out of a total tonnage of 19,215,102 tons, only 92,027 tons are shown unsegregated as to tonnage originating on roads lying within the group and that received from connecting and other carriers, and 1,869,776 tons, or 9.73 per cent, not separated into classes of commodities. Concerning the item of 92,027 tons, it may be explained that the Baltimore and Ohio Railroad south of Harpers Ferry carrying that amount of freight is the only road in this group of states which does not make a segregation of its freight as to "Originating", etc., and "Received", etc.

Of the 1,869,776 tons not classified by commodities, 910,825 tons were carried by the following 5 roads, which make no distribution whatever of their freight as to commodities:

	TONS.
Atlantic and Danville Railway Company .....	284,913
Atlantic and North Carolina Railroad Company .....	32,554
Georgia, Carolina and Northern Railway Company .....	38,104
Norfolk Southern Railroad Company .....	197,384
Ohio River Railroad Company .....	357,870
Total .....	910,825

The remaining 958,951 tons consisted of commodities falling outside of the named classes, and of which nearly every road in the group carried a certain amount.

## GROUP V.

Out of a total tonnage in this group of 44,382,018 tons, there are 18,970,569 tons not segregated into "Freight originating" and "Freight received", and 12,930,944 tons, or 29.14 per cent, are shown under the heading of "Miscellaneous tonnage", not being separated into the various classes of commodities appearing in the table.

As to the 18,970,569 tons, it may be stated that they consisted of the freight carried by the following 4 roads:

	TONS.
Kentucky Central Railway Company .....	355,798
Louisville and Nashville Railroad Company (line south of Ohio river) .....	17,686,789
Mobile and Ohio Railroad Company (line south of Cairo, Ill.) .....	822,097
Tennessee Midland Railroad Company .....	105,885
Total .....	18,970,569

Of the 12,930,944 tons not separated into classes, 12,102,469 tons consisted of commodities not within the specified classes and the remainder, 828,475 tons, consisted of the freight carried by 7 roads which do not make a classification of their tonnage by commodities.

The roads not reporting a classification by commodities are the following:

	TONS.
Birmingham, Sheffield and Tennessee River Railway Company .....	301,060
Gainesville, Jefferson and Southern Railroad Company .....	17,307
Jacksonville and Atlantic Railroad Company .....	2,206
Louisville, St. Louis and Texas Railway Company .....	357,842
Savannah, Americus and Montgomery Railway Company .....	144,690
Talbotton Railroad Company .....	2,000
Union Point and White Plains Railroad Company .....	3,370
Total .....	828,475

## GROUP VI.

In this group, out of a total of 94,036,235 tons, 27,758,495 tons are not segregated as to "Freight originating" and "Freight received", etc., the following 20 roads not making this division:

	TONS.
Chicago and Iowa Railroad Company .....	721,427
Chicago, Burlington and Northern Railroad Company .....	1,032,621
Chicago, Burlington and Quincy Railroad Company (line east of Missouri river) .....	7,765,098
Chicago, Fort Madison and Des Moines Railway Company .....	10,000
Chicago, Rock Island and Pacific Railway Company (east of Missouri river) .....	4,492,202
Des Moines and Kansas City Railway Company .....	28,563
Des Moines and Northwestern Railway Company .....	105,609
Eastern Railway Company of Minnesota .....	859,240
Great Northern Railway Company (east of Minot, N. D.) .....	1,961,980
Hannibal and St. Joseph Railroad Company .....	1,316,428
Humeston and Shenandoah Railroad Company .....	126,502
Indianapolis, Decatur and Western Railway Company (line in Illinois) .....	65,353
Kansas City, St. Joseph and Council Bluffs Railroad Company .....	869,385
Louisville and Nashville Railroad Company (north of Ohio river) .....	948,022
Milwaukee, Menomonie Falls and Western Railway Company .....	2,105
St. Louis, Alton and Springfield Railroad Company .....	81,743
St. Louis, Alton and Terre Haute Railway Company .....	1,485,948
St. Louis and Hannibal Railway Company .....	85,948
Wabash Railroad Company (line west of Danville, Ill.) .....	3,176,589
Wisconsin Central Company .....	2,623,732
Total .....	27,758,495

There are also 18,116,344 tons, constituting 19.27 per cent of the total tonnage of the group, shown in summary as "Miscellaneous tonnage". Of this amount, 5,957,135 tons is reported as commodities not within the indicated classes and 12,159,209, the residue, is the tonnage of the following 9 roads, which do not make a division, but report all of their tonnage as "Miscellaneous":

	TONS.
Black Hills and Fort Pierre Railroad Company .....	60,567
Chicago and Iowa Railroad Company .....	721,427
Chicago, Burlington and Kansas City Railway Company .....	183,517
Chicago, Burlington and Quincy Railroad Company (line east of Missouri river) .....	7,765,098
Hannibal and St. Joseph Railroad Company .....	1,316,428
Kansas City, St. Joseph and Council Bluffs Railroad Company .....	869,385
Rockport, Langdon and Northern Railroad Company .....	5,393
St. Louis and Hannibal Railway Company .....	85,948
St. Louis, Keokuk and Northwestern Railway Company .....	1,151,446
Total .....	12,159,209

## GROUP VII.

In a total tonnage carried by the railroads in this group of 13,625,381 tons there are 4,171,676 tons designated in summary as "Unsegregated". This is the amount carried by the following 3 roads, which made no segregation of their freight as to originating on their road or received from other carriers:

	TONS.
Chicago, Burlington and Quincy Railroad Company (line west of Missouri river) .....	3,436,776
Great Northern Railway Company (line west of Minot, N. D.) .....	373,710
Montana Central Railway Company .....	361,190
Total .....	4,171,676

There appears also the item of 4,702,029 tons not divided into the classes of commodities. Of this amount, 3,436,776 tons is the total tonnage of the Chicago, Burlington and Quincy Railroad Company (line west of Missouri river), of which this company failed to make a distribution, while the remainder of 1,265,253 tons is the tonnage as reported by the railroads making a distribution of their freight into classes, but consisting of commodities other than and in addition to the selected classes, of which nearly every road in this group carried a certain quantity.

## GROUP VIII.

Out of a total tonnage of 31,587,663, there are 11,923,102 tons not segregated as to "Freight originating" and "Freight received", etc., this being the freight carried by the following 9 roads:

	TONS.
Central Branch Union Pacific Railroad Company .....	455,930
Chicago, Rock Island and Pacific Railway Company (line west of Missouri river) .....	1,231,808
Colorado Midland Railway Company .....	471,890
Denison and Washita Valley Railway Company .....	55,965
Little Rock and Memphis Railroad Company .....	131,854
Missouri Pacific Railway Company .....	4,921,693
St. Louis and San Francisco Railway Company .....	1,755,037
St. Louis, Iron Mountain and Southern Railway Company .....	2,848,911
St. Louis, Kansas City and Colorado Railroad Company .....	50,014
Total .....	11,923,102

## STATISTICS OF TRANSPORTATION.

Of the 2,707,819 tons not distributed by classes of commodities, 2,520,000 tons consisted of commodities other than those and 187,819 tons, the remainder, is the total amount of freight carried by the following 2 roads, which did not make a separation into classes of their freight:

	TONS.
Denison and Washita Valley Railway Company.....	55,965
Little Rock and Memphis Railroad Company.....	131,854
Total.....	187,819

## GROUP IX.

In a total of 11,398,302 tons, 5,510,779 tons are shown not segregated as to "Originating" and "Received" freight. The tonnage of the following 5 roads:

	TONS.
Central Texas and Northwestern Railway Company.....	137,684
Gulf, Colorado and Santa Fé Railway Company.....	1,057,971
Houston and Texas Central Railway Company.....	769,579
San Antonio and Aransas Pass Railway Company.....	1,324,209
Southern Pacific Company (line east of El Paso, Tex.).....	2,221,336
Total.....	5,510,779

Of the item of 878,071 tons shown as "Miscellaneous tonnage", all but 17,825 tons consisted of commodities carried other than named classes, the 17,825 tons being the total tonnage of the New Orleans and Gulf railroad, which company did not classify its freight by commodities.

## GROUP X.

Out of a total of 10,066,711 tons, 5,459,352 tons are not segregated as to "Freight originating" and "Freight received". The tonnage of the following 6 roads:

	TONS.
Bodie and Benton Railway Company.....	10,750
Caspar and Haro Creek Railroad Company.....	13,500
Oregon Pacific Railway Company.....	77,854
San Francisco and North Pacific Railway Company.....	153,962
Seattle, Lake Shore and Eastern Railway Company.....	294,910
Southern Pacific Company (line west of El Paso, Tex.).....	4,908,376
Total.....	5,459,352

Of the 848,005 tons not classified by commodities, 345,881 tons consisted of commodities carried outside of the classes named, the remainder, 502,124 tons, being the total freight carried by the following 5 roads, these companies not reporting their freight by commodities:

	TONS.
Colusa and Lake Railroad Company.....	9,590
Echo and Park City Railway Company.....	87,264
Nevada County Narrow Gauge Railroad Company.....	21,213
Rio Grande Western Railway Company.....	382,502
Visalia and Tulare Railroad Company.....	1,555
Total.....	502,124

## GENERAL REMARKS.

It should be noticed that out of a total for the United States of 107,357,814 tons not segregated as to freight originating on the road reporting and that received from connecting roads and other carriers, 34.39 per cent, or 36,919,149 tons, are also the freight tonnage of those roads which did not report a separation of their freight as to classes of commodities.

The subjoined table shows how much of that tonnage which is not segregated as to freight originating on the road reporting and that received from connecting and other carriers is also undivided as to classes of commodities:

GROUPS.	Amount of tonnage not segregated as to freight originating on reporting road received from other carriers.	Amount of tonnage not reported as to classes of commodities carried.	Per cent.
The United States.....	107,357,814	36,919,149	34.39
Group I.....	6,309,872	0,309,872	100.00
Group II.....	14,702,356	1,064,470	7.24
Group III.....	12,450,586	1,145,888	9.20
Group IV.....	92,027	7,195	7.82
Group V.....	18,970,569	10,775,555	56.80
Group VI.....	27,758,495	11,950,280	43.05
Group VII.....	4,171,676	3,450,028	82.92
Group VIII.....	11,923,102	1,666,967	13.98
Group IX.....	5,510,779	443,713	8.05
Group X.....	5,459,352	96,175	1.76

Three important facts are suggested by a study of the summary of Table 8, showing freight traffic by classes of freight.

First. The assignment of freight as freight originating on the line covered by report and freight received from connecting lines shows the average length of haul for freight to be considerably greater than is commonly estimated. The average haul usually given is about 120 miles, a figure which is obtained by dividing the total ton-mileage accomplished within the country by the number of tons reported. This figure, however, embraces a duplication of tonnage wherever freight is received from connecting lines, since both lines include this freight in their respective reports upon the number of tons carried. Assuming now that the 107,357,814 tons of unsegregated freight may be properly assignable in the same ratio as freight for which assignment was made in the complete reports, it follows that about 330,000,000 tons of freight are taken up by the roads at stations, the remainder being received from connecting lines. This shows the true basis of railroad operations to be 330,000,000 and not 640,000,000 tons of freight, and the true average haul per ton to be nearly 220 miles and not 120 miles. As already stated, railroad statistics do not permit an accurate estimate of the average length of haul, but the classification in the above statement enables a nearer approach to the correct figure than has before been attained.

Second. The last two columns of the summary give the total tonnage by groups and percentages, from which it appears that Group II carries 37.05 per cent of total tonnage and Group III 21.76 per cent. These groups cover the trunk line territory between Chicago and St. Louis and the seaboard. The railroads in Group VI carry 14.68 per cent of total tonnage, but it must be remembered that this group has 22.90 per cent of total railway mileage.

Third. It will be observed that the products of mines account for 42.40 per cent of total tonnage, while the products of agriculture provide the railroads with 13.51 per cent only of their traffic. Manufactures come next in order, providing 12.48 per cent of total freight. The products of forests amount to 9.96 per cent and products of animals to 4.13 per cent of total freight. These percentages show clearly the industries which give the bulk of the traffic to railroads.

In the following summary will be found a statement of certain selected commodities, given by groups in tons: grain, flour, cotton, live stock, dressed meats and other packing house products, wool, anthracite and bituminous coal; stone, sand, and other like articles; lumber, petroleum and other oils, sugar, pig and bloom iron, and iron and steel rails, carried by railroads during the year ending June 30, 1890:

MOVEMENT OF SELECTED COMMODITIES, BY TONS, CARRIED BY RAILROADS IN THE UNITED STATES, FOR THE YEAR ENDING JUNE 30, 1890.

GROUPS.	Number of roads reporting selected commodities.	Grain.	Flour.	Cotton.	Livestock.	Dressed meats and other packing house products.	Wool.	Anthracite coal.	Bituminous coal.	Stone, sand, and other like articles.
The United States .....	542	49,408,731	11,213,806	4,917,508	15,483,559	6,189,576	495,974	73,019,850	111,346,099	23,391,200
Group I.....	20	1,219,039	401,195	334,125	623,098	358,331	99,244	1,908,314	2,058,347	694,695
Group II .....	138	10,065,707	3,587,300	449,823	2,109,119	1,627,576	112,088	66,343,285	45,244,336	8,814,700
Group III .....	88	11,341,490	2,474,103	730,720	3,233,403	1,910,854	84,064	2,467,145	29,612,908	7,494,641
Group IV.....	46	700,646	379,026	549,113	206,062	191,457	7,067	308,161	4,425,307	600,907
Group V.....	56	2,427,110	912,786	1,453,582	480,482	567,187	9,866	147,076	5,218,991	1,475,369
Group VI.....	76	14,254,872	2,210,551	156,077	3,895,347	1,070,953	41,774	1,558,058	13,607,258	2,500,834
Group VII .....	12	2,104,349	110,166	.....	750,599	136,769	17,482	70,791	1,481,455	277,804
Group VIII .....	49	5,616,422	741,536	340,735	2,615,040	221,660	21,672	215,503	7,617,095	888,403
Group IX.....	22	445,818	146,385	901,724	1,120,024	57,583	60,198	329	1,003,365	380,203
Group X.....	26	1,323,269	154,698	1,609	350,425	44,206	41,019	1,208	1,076,137	257,554

  

GROUPS.	Lumber.	Petroleum and other oils.	Sugar.	Pig and bloom iron.	Iron and steel rails.	Total.	Other tonnage.	Total tonnage.
The United States.....	52,807,026	8,768,281	2,627,715	15,438,913	5,649,027	380,844,355	259,608,193	640,452,548
Group I .....	1,919,440	107,629	89,451	438,405	55,051	10,456,364	29,019,140	39,475,504
Group II .....	14,153,812	4,078,378	1,027,794	6,428,956	2,410,259	100,544,363	70,748,813	237,293,176
Group III .....	12,728,537	3,031,637	611,470	5,104,633	1,379,797	82,206,377	57,166,079	139,372,456
Group IV.....	2,704,244	188,516	90,561	584,741	379,644	11,316,442	7,808,600	19,125,042
Group V.....	4,320,559	288,275	255,151	1,005,035	240,421	19,402,490	24,970,528	44,373,018
Group VI.....	8,733,503	535,230	226,185	1,021,122	808,967	50,026,721	43,400,514	93,427,235
Group VII.....	940,467	84,455	60,894	14,429	85,253	6,134,913	7,490,468	13,625,381
Group VIII.....	3,607,977	192,143	64,392	216,278	165,400	22,525,165	9,062,498	31,587,663
Group IX.....	2,436,982	57,454	106,545	14,100	63,700	6,800,410	4,597,892	11,398,302
Group X.....	1,261,505	144,074	95,266	10,614	60,526	4,831,110	5,235,601	10,066,711



## STATISTICS OF TRANSPORTATION.

By reference to the summary for Table 9, it will be seen that the total number of passengers in 1890 was 498,070,093, of which 429,852,084 were local passengers and 68,218,009 were carried on through tickets. A glance at the groups which report the larger number of passengers carried will show at once that a considerable portion of this traffic must be in and about the great cities, a conclusion which is borne out by an analysis of the passenger traffic of lines centering in such cities as Boston, New York, Philadelphia, and Chicago. The local passenger traffic in Group I and Group II, that is to say, in the New England and middle states, is over 63 per cent of the whole, and it is worthy of notice that of the 68,218,009 through passengers, the railroads in Group II carried 39,457,612. The figures are important in that they localize passenger traffic.

# STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS.

## SUMMARY.

[Mileage of roads extending beyond their group or groups of assignment into other groups are marked with an asterisk.]

STATES AND TERRITORIES.	MILES WITHIN EACH GROUP.										Total miles.
	Group I.	Group II.	Group III.	Group IV.	Group V.	Group VI.	Group VII.	Group VIII.	Group IX.	Group X.	
The United States.....	6,877.67	18,596.23	21,718.67	9,632.08	18,623.70	37,463.44	8,886.93	20,348.70	9,854.18	12,160.43	163,562.12
Alabama.....					3,310.73						3,310.73
Arkansas.....								2,204.81			2,204.81
California.....										4,356.11	4,356.11
Colorado.....							489.83	3,670.26		*16.10	4,176.19
Connecticut.....	940.04	*67.25									1,007.29
Delaware.....		315.29									315.29
Florida.....					2,470.89						2,470.89
Georgia.....				*33.80	4,523.66						4,557.46
Illinois.....			*755.40			9,315.12		*0.79			10,071.31
Indiana.....			5,624.34		*13.57	*332.62					5,970.53
Iowa.....						8,592.24	*10.05				8,602.29
Kansas.....							*467.70	8,338.66			8,806.45
Kentucky.....				*8.50	2,744.60						2,753.10
Louisiana.....					*343.05			*35.80	1,356.09		1,734.94
Maine.....	1,346.29										1,346.29
Maryland.....		1,204.87		*45.27							1,250.14
Massachusetts.....	2,080.31										2,080.31
Michigan.....			5,946.65			1,288.77					7,235.42
Minnesota.....						5,379.50					5,379.50
Mississippi.....					2,329.03				*3.00		2,332.03
Missouri.....						2,587.00	*0.10	3,289.76			5,886.82
Montana.....							1,997.24			*183.80	2,181.04
Nebraska.....						*26.95	4,861.02	*412.38			5,300.35
Nevada.....										924.87	924.87
New Hampshire.....	1,141.29										1,141.29
New Jersey.....		2,052.36									2,052.36
New York.....	*232.65	7,165.63	254.46								7,652.74
North Carolina.....				2,925.86	*34.70						2,960.56
North Dakota.....						2,003.79					2,003.79
Ohio.....			7,992.91		*1.06						7,993.97
Oregon.....										1,433.29	1,433.29
Pennsylvania.....		7,224.70	1,190.21								8,414.91
Rhode Island.....	212.52										212.52
South Carolina.....				2,031.47	*129.50						2,210.07
South Dakota.....						2,296.67	174.27				2,470.94
Tennessee.....				*16.00	2,714.31			*2.56			2,732.87
Texas.....								235.83	8,305.09		8,630.92
Vermont.....	915.57	*5.92									921.49
Virginia.....		*88.51		3,100.50							3,189.10
Washington.....										1,774.62	1,774.62
West Virginia.....		441.46	*44.70	820.50	*8.60						1,315.35
Wisconsin.....						5,639.88					5,639.88
Arizona.....										1,096.64	1,096.64
District of Columbia.....		30.24									30.24
Idaho.....							*83.00			891.01	944.91
Indian territory.....								946.20	*100.00		1,046.20
New Mexico.....								918.55		405.78	1,324.33
Oklahoma.....								167.96			167.96
Utah.....							*70.17			1,014.67	1,085.14
Wyoming.....						724.40	*125.14			*92.34	941.88

## GROUP I.

Road number.	CORPORATIONS.	IN GROUP I.						EX- TEND- ING INTO OTHER GROUPS.	Total miles.	RAILS.	
		Maine.	Vermont.	New Hampshire.	Connecticut.	Massachusetts.	Rhode Island.			Iron.	Steel.
	Total.....	1,346.29	915.57	1,141.20	940.04	2,089.81	212.52	232.65	6,877.07		
1	Atlantic and St. Lawrence Railroad Company.....	82.60	30.56	52.06					165.22		165.22
2	Bangor and Piscataquis Railroad Company.....	70.50							70.50	26.50	50.00
3	Bangor and Katahdin Iron Works Railway Company.....	18.50							18.50		
4	Barre Railroad Company.....		9.26						9.26		9.26
5	Bartlett and Albany Railroad Company.....			8.50					8.50	8.50	
6	Bennington and Glastonbury Railroad and Manufacturing Company.....		8.25						8.25		
7	Bennington and Rutland Railway Company.....		58.91						58.91		58.91
8	Boston and Albany Railroad Company.....					248.97		56.63	305.60	12.61	292.99
9	North Brookfield Railroad Company.....					4.16			4.16	4.16	
10	Pittsfield and North Adams Railroad Company.....					18.55			18.55	6.06	12.49
11	Providence, Webster and Springfield Railroad Company.....					12.19			12.19		12.19
12	Ware River Railroad Company.....					40.55			40.55		40.55

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP I—Continued.

Road num- ber.	CORPORATIONS.	IN GROUP I.						EX- TEND- ING INTO OTHER GROUPS.	Total miles.	RAILS.	
		Maine.	Vermont.	New Hamp- shire.	Con- necti- cut.	Massa- chusetts.	Rhode Island.			Iron.	Steel.
13	Boston and Maine Railroad Company.....	46.92		107.44		101.84			315.70		315.70
14	Chelsea Beach Railroad Company.....					3.34			3.34		3.34
15	Danvers Railroad Company.....					9.26			9.26		9.26
16	Dover and Winnipisogee Railroad Company.....			20.00					20.00	8.00	21.00
17	Eastern Railroad Company in New Hampshire.....			10.08					10.08		
18	Portsmouth and Dover Railroad Company.....			10.88					10.88		
19	Portsmouth, Great Falls and Conway Railroad Company (a).....										
20	Wolfeborough Railroad Company.....			12.03					12.03		
21	Kennebunk and Kennebunkport Railroad Company.....	4.50							4.50	4.50	
22	Lowell and Andover Railroad Company.....					10.10			10.10		10.10
23	Manchester and Keene Railroad Company.....			20.50					20.50		
24	Manchester and Lawrence Railroad Company.....			22.30					22.30		
25	Newburyport Railroad Company.....					26.08			26.08	0.45	23.30
26	Newburyport City Railroad Company.....					2.08			2.08		26.53
27	Portland, Saco and Portsmouth Railroad Company.....	50.76							50.76		
28	West Amesbury Branch Railroad Company.....			2.32		2.13			4.45		
29	Worcester, Nashua and Rochester Railroad Company.....			55.02		39.40			94.48	18.13	70.35
30	Boston and Lowell Railroad Company.....					98.09			98.09		
31	Central Massachusetts Railroad Company.....					98.77			98.77		98.77
32	Connecticut and Passumpsic Rivers Railroad Company.....	110.30							110.30		110.30
33	Nashua and Lowell Railroad Company.....			5.25		9.25			14.50		
34	Peterboro Railroad Company.....			10.50					10.50		
35	Stony Brook Railroad Company.....					13.16			13.16		
36	Wilton Railroad Company.....										
37	Northern Railroad Company of New Hampshire.....			15.50					15.50		
38	Concord and Claremont Railroad Company.....			82.91					82.91		
39	Peterboro and Hillsboro Railroad Company.....			70.90					70.90		
				18.51					18.51		
40	Boston, Revere Beach and Lynn Railroad Company.....					8.80			8.80		8.80
41	Boston, Winthrop and Shore Railroad Company.....					4.70			4.70		4.70
42	Bridgton and Saco River Railroad Company.....	10.00							10.00		10.00
43	Canadian Pacific Railway Company (b).....										
44	Atlantic and Northwest Railroad Company (line in Maine).....	144.50							144.50		144.50
45	South Eastern Railway Company (b).....										
46	Newport and Richford Railroad Company.....		22.00						22.00		22.00
47	Central Vermont Railroad Company (b).....										
48	Burlington and Lamotte Valley Railroad Company.....		20.00						20.00	3.00	23.00
49	Consolidated Railroad Company of Vermont.....		178.80						178.80		178.80
50	Missisquoi Valley Railroad Company.....		28.00						28.00	5.40	22.60
51	Montpelier and White River Railroad Company.....		13.50						13.50		13.50
52	New London and Northern Railroad Company.....		11.00		56.00	54.00			121.00	1.00	110.00
53	Brattleboro and Whitehall Railroad Company.....		30.00						30.00		
54	Rutland Railroad Company.....		119.70						119.70	30.00	
55	Addison County Railroad Company.....		16.00						16.00		
56	Cheshire Railroad Company.....			42.81		10.83			53.64		53.64
57	Clarendon and Pittsford Railroad Company.....		10.00						10.00		10.00
58	Concord and Montreal Railroad Company.....			203.80					203.80		
59	Concord and Portsmouth Railroad Company.....			47.50					47.50		
60	Kilkenny Lumber Company's Railroad.....			10.00					10.00		47.50
61	Lake Shore Railroad Company.....			17.00					17.00		
62	Manchester and North Weare Railroad Company.....			19.00					19.00		
63	Nashua, Acton and Boston Railroad Company.....					20.00			20.00		
64	Penigewasset Valley Railroad Company.....			21.00					21.00		
65	Suncook Valley Railroad Company.....			17.37					17.37	17.10	0.27
66	Suncook Valley Extension Railroad Company.....			4.45					4.45		
67	Tilton and Belmont Railroad Company.....			4.60					4.60		
68	Zealand Valley Railroad Company.....			10.00					10.00		
69	Connecticut River Railroad Company.....		0.71	23.21		55.03			79.85		79.85
70	Vermont Valley Railroad Company of 1871.....		24.00						24.00		24.00
71	Sullivan County Railroad Company.....		0.10	25.81					26.00		26.00
282	Delaware and Hudson Canal Company (b).....										
283	Rensselaer and Saratoga Railroad Company (b).....										
72	Rutland and Whitehall Railroad Company.....		6.83						6.83		
73	Fitchburg Railroad Company.....		6.49	9.47		168.10		114.99	209.05		209.05
74	Southern Vermont Railroad Company.....		6.19					5.04	6.19		6.19
75	Troy and Bennington Railroad Company.....								5.04		5.04
76	Vermont and Massachusetts Railroad Company.....								58.80		58.80
77	Fall River, Warren and Providence Railroad Company.....					3.66	2.13		5.79		
78	Franklin and Megantic Railroad Company.....	16.70							16.70		
79	Grafton and Upton Railroad Company.....					16.00			16.00		
80	Grand Trunk Railway Company (b).....										
1	Atlantic and St. Lawrence Railroad Company (b).....										
81	Lewiston and Auburn Railway Company.....	5.41							5.41		5.41
82	Norway Branch Railroad Company.....	1.36							1.36		1.36
83	Green Mountain Railroad Company.....										
84	Hoosac Tunnel and Wilmington Railroad Company.....	1.14							1.14		
85	Deerfield River Company's Railroad.....					8.00			8.00		8.00
26	Housatonic Railroad Company.....		3.00						3.00		
87	Berkshire Railroad Company.....										
88	Danbury and Norwalk Railroad Company.....				89.04				89.04		89.04
89	New Haven and Derby Railroad Company.....					21.03			21.03		21.03
90	Stockbridge and Pittsfield Railroad Company.....				36.20				36.20	6.55	29.65
91	West Stockbridge Railroad Company.....				16.79				16.79		
						22.93			22.93		22.93
						2.64			2.64		2.64

a Mileage of this road, 72.86 miles, is included in Boston and Maine Railroad, into which it was merged May 31, 1890.  
 b Inserted to show proper relation of roads following.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP 1—Continued.

Road number.	CORPORATIONS.	IN GROUP 1.						EX- TEND- ING INTO OTHER GROUPS.	Total miles.	RAILS.	
		Maine.	Vermont.	New Hampshire.	Connecticut.	Massachusetts.	Rhode Island.			Iron.	Steel.
92	Kennebec Central Railroad Company.....	5.00							5.00		
93	Knox and Lincoln Railroad Company.....	50.00							50.00		50.00
94	Line Rock Railroad Company.....	8.00							8.00		
95	Maine Central Railroad Company.....	345.23							345.23		
96	Belfast and Moosehead Lake Railroad Company.....	33.13							33.13		
97	Dexter and Newport Railroad Company.....	14.23							14.23	1.26	12.97
98	Dexter and Piscataquis Railroad Company.....	16.54							16.54		16.54
99	Eastern Maine Railway Company.....	18.80							18.80	18.80	
100	European and North American Railway Company.....	120.34							120.34		
101	Portland and Ogdensburg Railway Company.....	51.10		53.20					109.30		109.30
102	Martha's Vineyard Railroad Company.....					8.70			8.70		
103	Meriden, Waterbury and Connecticut River Railroad Company.....				30.34				30.34		30.34
104	Monadnock Railroad Company.....			13.76	2.04				15.80	8.80	7.00
105	Monson Railroad Company.....	8.16							8.16		8.16
106	Montpelier and Wells River Railroad Company.....		38.20						38.20		38.20
107	Barre Branch Railroad Company.....		3.80						3.80		
108	Moshassuck Valley Railroad Company.....						2.00		2.00		2.00
109	Mount Washington Railroad Company.....			3.33					3.33		
110	Nantucket Railroad Company.....					11.16			11.16		
111	Narragansett Pier Railroad Company.....						8.50		8.50	3.25	5.25
112	New Brunswick Railway Company (a).....										
113	Acrostook River Railroad Company.....	29.20							29.20		29.20
114	New Brunswick and Canada Railway Company.....	3.00							3.00		
115	Newport and Wickford Railroad Company.....						3.10		3.10		
116	New York and New England Railroad Company.....				199.54	101.87	28.00	30.45	359.80	8.45	351.41
117	Milford and Woonsocket Railroad Company.....					15.32			15.32		15.32
118	Milford, Franklin and Providence Railroad Company.....					4.60			4.60		
119	Norwich and Worcester Railroad Company.....				47.92	18.24			66.16	5.41	60.75
120	Rhode Island and Massachusetts Railroad Company in Massachusetts.....					6.62			6.62		
121	Rhode Island and Massachusetts Railroad Company in Rhode Island.....						6.98		6.98		
122	Rockville Railroad Company.....				4.43				4.43		4.43
123	New York, New Haven and Hartford Railroad Company.....				121.40	5.95		14.04	141.48	0.34	141.14
124	Boston and New York Air Line Railroad Company.....				51.50				51.50		51.50
125	Colchester Railroad Company.....				3.59				3.59		3.59
126	Harlem River and Port Chester Railroad Company.....							11.50	11.50		
127	Hartford and Connecticut Valley Railroad Company.....				46.20				46.20		46.20
128	Naugatuck Railroad Company.....				56.55				56.55		
129	Watertown and Waterbury Railroad Company.....				4.44				4.44		
130	New Haven and Northampton Company.....				66.30	60.06			127.36		127.36
131	Holyoke and Westfield Railroad Company.....					10.32			10.32		10.32
132	Shore Line Railway Company.....				48.53				48.53		48.53
133	Stamford and New Canaan Railroad Company.....				7.66				7.66		
134	New York, Providence and Boston Railroad Company.....				18.00		62.28		80.28		80.28
135	Pawtucket Valley Railroad Company.....						5.67		5.67		
136	Providence and Worcester Railroad Company.....					26.01	24.40		50.41		
137	Old Colony Railroad Company.....					406.10	16.10		422.20		
138	Boston and Providence Railroad Company.....					53.33	10.42		63.75		63.75
139	Attleboro Branch Railroad Company.....					4.00			4.00		4.00
140	Chatham Railroad Company.....					7.07			7.07		7.07
141	Fall River Railroad Company.....					12.25			12.25	0.17	12.08
142	Nantasket Beach Railroad Company.....					6.95			6.95		
143	Orchard Beach Railroad Company.....	3.00							3.00	3.00	
144	Portland and Rochester Railroad Company.....	49.00		8.50					57.50		57.50
145	Profile and Franconia Notch Railroad Company.....			13.50					13.50		13.50
146	Providence and Springfield Railroad Company.....						22.80		22.80		22.80
147	Providence, Warren and Bristol Railroad Company.....						14.35		14.35		14.35
148	Rockport Railroad Company.....	3.00							3.00	3.00	
149	Rumford Falls and Buckfield Railroad Company.....	26.77							26.77	4.77	22.00
150	St. Croix and Penobscot Railroad Company.....	16.25							16.25		
151	St. Johnsbury and Lake Champlain Railroad Company.....		131.50						131.50	3.70	127.80
152	Sandy River Railroad Company.....	18.00							18.00	13.00	5.00
153	Sawyer River Railroad Company.....			10.00					10.00		
154	Sebasticoak and Moosehead Railroad Company.....	8.00							8.00		8.00
155	Shepaug, Litchfield and Northern Railroad Company.....				32.28				32.28	10.56	21.72
156	Somerset Railway Company.....	35.50			2.25				35.50		2.25
157	South Manchester Railroad Company.....										
158	Upper Coos Railroad Company.....		1.77	21.10					22.87		
159	Union Freight Railroad Company.....					2.43			2.43		2.43
160	Whitefield and Jefferson Railroad Company.....										
161	Whitneyville and Machiasport Railroad Company.....			13.00					13.00		13.00
162	Wood River Branch Railroad Company.....	7.88							7.88		
163	Woodstock Railroad Company.....						5.70		5.70	5.20	0.50
164	Fair Ground Railroad Company.....		14.00						14.00	10.50	3.50
			0.61						0.61		
165	Worcester and Shrewsbury Railroad Company.....					2.70			2.70		2.70
166	York Harbor and Beach Railroad Company.....	11.27							11.27		11.27

a Inserted to show proper relation of roads following.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP II.

Road number.	CORPORATIONS.	IN GROUP II.							EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New York.	New Jersey.	Part of Pennsylvania.	Delaware.	Maryland.	District of Columbia.	Part of West Virginia.	Vermont.	Virginia.	Connecticut.		Iron.	Steel.
	Total.....	7,165.63	2,052.36	7,224.70	315.29	1,204.87	30.24	441.46	5.92	68.51	67.25	18,596.23		
167	Addison and Pennsylvania Railway Company.....	10.50		30.50								41.00	21.00	20.00
168	New York and North Pennsylvania Railroad Company.....			5.50								5.50	4.50	1.00
169	Adirondack Railway Company.....	56.89										56.89	18.36	38.53
170	Allegheny and Kinzua Railroad Company.....	10.00		14.00								24.00		24.00
171	Allegheny Valley Railroad Company.....			260.30								260.30	10.20	250.10
172	Altoona and Wapenonock Railroad Company.....			4.00								4.00		
173	Annapolis and Baltimore Short Line Railroad Company.....					27.75						27.75		
174	Annapolis, Washington and Baltimore Railroad Company.....					20.50						20.50	1.50	19.00
175	Atlantic City Railroad Company.....		83.46									83.46	1.65	81.81
176	Bachman Valley Railroad Company.....					4.18						4.18	4.18	
177	Baltimore and Delaware Bay Railroad Company.....					32.00						32.00		
178	Smymna and Delaware Bay Railroad Company.....				18.00							18.00		
179	Baltimore and Eastern Shore Railroad Company.....					11.90						11.90	11.90	
180	Wicomico and Pocomoke Railroad Company.....					30.00						30.00	30.00	
181	Baltimore and Ohio Railroad Company (east of Ohio river).....					286.30	10.30	243.00				539.60	15.50	524.10
182	Baltimore and Philadelphia Railroad Company.....			20.40	35.70							56.10	10.00	45.50
183	Confidence and Oakland Railroad Company.....					19.70						19.70		
184	Fairmount, Morgantown and Pittsburg Railroad Company.....							24.50				24.50		
185	Ohio and Baltimore Short Line Railroad Company, Eastern Division.....			6.90								6.90	3.70	3.20
186	Parkersburg Branch Railroad Company.....							103.30				103.30		
187	Pittsburg and Connersville Railroad Company.....			146.50		2.30						148.80		148.80
188	Berlin Railroad Company.....			8.00								8.00	7.70	0.30
189	Fayette County Railroad Company.....							12.67				12.67		12.67
190	Mount Pleasant and Broad Ford Railroad Company.....			9.70								9.70	4.30	5.40
191	Salisbury Railroad Company.....			11.70								11.70	3.90	7.80
192	Schuylkill River East Side Railroad Company.....			11.50								11.50		
193	Somerset and Cambria Railroad Company.....			45.10								45.10	0.10	45.00
194	South Branch Railroad Company.....							16.00				16.00		
195	State Line Railroad Company.....			3.40								3.40	0.60	2.80
196	Washington City and Point Lookout Railroad Company.....					2.60	9.90					12.50		
197	Washington County Railroad Company.....					24.20						24.20		
198	Wheeling, Pittsburg and Baltimore Railroad Company.....			50.80				11.50				61.80		61.80
199	Ohio and Baltimore Short Line Railway Company, Western Division.....			4.00								4.00		
200	Baltimore and Potomac Railroad Company.....					83.80	8.17					92.06	44.05	47.41
201	Baltimore and Sparrow's Point Railroad Company.....					4.70						4.70		
202	Bangor and Portland Railway Company.....			32.51								32.51		32.51
203	Bark Camp Railroad Company.....			4.50								4.50		
204	Barclay Railroad Company.....			16.25								16.25	7.25	9.00
205	Bath and Hammondsport Railroad Company.....	10.83										10.83		10.83
206	Bay Ridge and Annapolis Railroad Company.....					4.50						4.50		4.50
207	Beaver City Railroad Company.....			2.00								2.00		
208	Beech Creek Railroad Company.....			130.87								130.87		130.87
209	Berkeley Springs and Potomac Railroad Company.....							5.05				5.05		5.05
210	Blanchard Extension Railroad Company.....			5.00								5.00		
211	Bloomsburg and Sullivan Railroad Company.....			80.00								80.00		80.00
212	Blue Jay Railroad Company.....			1.25								1.25		
213	Bradford, Bordell and Kinzua Railroad Company.....			16.93								16.93		
214	Big Level and Kinzua Railroad Company.....			10.50								10.50		
215	Bradford, Bordell and Smithport Railroad Company.....			10.23								10.23		10.23
216	New City and Eldred Railroad Company.....			12.16								12.16	12.16	
217	Bradford, Eldred and Cuba Railroad Company.....			4.31								4.31		
218	Bradford, Richburg and Cuba Railroad Company.....	1.36		8.00								9.36	7.26	2.10
219	Wellsville, Bolivar and Eldred Railroad Company.....	20.62										20.62	20.62	
220	Brooklyn and Brighton Beach Railroad Company.....	7.50										7.50		7.50
221	Brooklyn and Rockaway Beach Railroad Company.....	3.50										3.50		
222	Brooklyn, Bath and West End Railroad Company.....	7.00										7.00		
223	Buffalo Creek Railroad Company.....	5.82										5.82	1.56	4.26
224	Buffalo Creek Transfer Railroad Company.....	1.10										1.10		
225	Buffalo, Rochester and Pittsburg Railway Company.....	166.18		61.03								227.21		227.21
226	Rockwayville and Punksutawney Railroad Company.....			25.00								25.00		
227	East Buffalo Terminal Railway Company.....	0.10										0.10		0.10
228	Lincoln Park and Charlotte Railroad Company.....	10.89										10.89		
229	Perry Railroad Company.....	1.03										1.03		
230	Buffalo Run, Bellefonte and Bald Eagle Railroad Company.....			27.57								27.57		
231	Camden and Atlantic Railroad Company.....		67.46									67.46	2.22	65.24
232	Cape May and Sewell's Point Railroad Company.....		3.00									3.00		3.00
233	Carthage and Adirondack Railway Company.....	44.25										44.25		44.25
234	Catsaqua and Fogelsville Railroad Company.....			25.50								25.50	23.50	2.00
235	Catskill Mountain Railway Company.....	15.73										15.73		15.73
236	Cairo Railroad Company.....	3.77										3.77		3.77

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP II—Continued.

Road number.	CORPORATIONS.	IN GROUP II.							EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New York.	New Jersey.	Part of Pennsylvania.	Delaware.	Maryland.	District of Columbia.	Part of West Virginia.	Vermont.	Virginia.	Connecticut.		Iron.	Steel.
237	Central New England and Western Railroad Company	53.04										53.04		53.04
238	Hartford and Connecticut Western Railroad Company	42.50									07.25	109.75		
239	Central Railroad Company of New Jersey		95.86									95.86	1.31	94.55
240	Constable Hook Railroad Company		1.95									1.95		
241	Cumberland and Maurice River Railroad Company		22.43									22.43		
242	Dover and Rockaway Railroad Company		5.12									5.12		
243	Elizabeth Extension Railroad Company		1.09									1.09		1.09
244	Freehold and Atlantic Highlands Railroad Company		22.79									22.79		
245	High Bridge Railroad Company		17.25									17.25		
246	Lake Hopatcong Railroad Company		5.59									5.59		
247	Lehigh and Lackawanna Railroad Company			25.19								25.19	4.36	20.74
248	Wind Gap and Delaware Railroad Company			10.84								10.84		10.84
249	Lehigh and Susquehanna Railroad Company			160.73								160.73		
250	Tresckow Railroad Company			7.56								7.56	0.05	0.91
251	Long Branch and Sea Shore Railroad Company		10.56									10.56		
252	Longwood Valley Railroad Company		19.64									19.64		
253	Manufacturers' Railroad Company		1.08									1.08		
254	Manufacturers' Extension Railroad Company		0.90									0.90		0.90
255	Nesquehoning Valley Railroad Company			10.66								10.66		10.66
256	Newark and New York Railroad Company		6.22									6.22		
257	New Jersey Southern Railroad Company		88.58									88.58		
258	New York and Long Branch Railroad Company		38.04									38.04		38.04
259	Ogden Mine Railroad Company		9.86									9.86		
260	South Branch Railroad Company		15.78									15.78		
261	Tom's River Railroad Company		7.57									7.57		
262	Tom's River and Waretown Railroad Company		14.71									14.71	14.01	0.70
263	Vineland Railway Company		40.82									40.82		
264	West End Railroad Company		1.55									1.55		
265	Wilkesbarre and Scranton Railroad Company			3.87								3.87		3.87
266	Central Vermont Railroad Company (a)													
267	Ogdensburg and Lake Champlain Railroad Company	118.00										118.00		118.00
268	Saratoga and St. Lawrence Railroad Company	8.50										8.50		
269	Chateaugay Railroad Company	18.01										18.01		18.01
270	Chateaugay Railway Company	38.89										38.89		38.89
271	Plattsburg and Dannemora Railroad Company	15.91										15.91		
272	Clove Branch Railroad Company	8.26										8.26		
273	Connecting Terminal Railroad Company	1.00										1.00	1.00	
274	Cooperstown and Charlotte Valley Railroad Company													
275	Cooperstown and Susquehanna Valley Railroad Company	16.00										16.00		
276	Cornwall Railroad Company			12.67								12.67		12.67
277	Cornwall and Lebanon Railroad Company			24.12								24.12		24.12
278	Mount Grotna Railroad Company			4.00								4.00		
279	Condersport and Port Allegany Railroad Company			17.00								17.00		17.00
280	Cresson, Clearfield County and New York Short Route Railroad Company			29.10								29.10		
281	Crown Point Iron Company's Railroad	12.84										12.84		12.84
282	Cumberland and Pennsylvania Railroad Company					55.00						55.00		55.00
283	Cumberland Valley Railroad Company			68.20		13.98						82.18	6.02	70.10
284	Delaware and Hudson Canal Company	27.58		79.16								106.74		106.74
285	Northern Coal and Iron Railroad Company			21.98								21.98		21.98
286	Albany and Susquehanna Railroad Company	142.50										142.50		142.50
287	Cherry Valley, Sharon and Albany Railroad Company	21.04										21.04		21.04
288	Schenectady and Deaneburg Railroad Company	13.79										13.79		13.79
289	New York and Canada Railroad Company	149.94										149.94	37.50	112.44
290	Rensselaer and Saratoga Railroad Company	143.08										143.08		143.08
291	Albany and Vermont Railroad Company	12.00										12.00		
292	Glen's Falls Railroad Company	15.12										15.12		
293	Mechanicsville and Fort Edward Railroad Company	2.86										2.86	1.52	1.34
294	Saratoga and Schenectady Railroad Company	14.97										14.97		
295	Delaware Bay and Cape May Railroad Company		3.50									3.50		
296	Delaware, Lackawanna and Western Railroad Company			211.34								211.34		211.34
297	Cayuga and Susquehanna Railroad Company	34.41										34.41		34.41
298	Green Railroad Company	8.10										8.10		8.10
299	Morris and Essex Railroad Company		119.85									119.85		119.85
300	Chester Railroad Company		10.02									10.02	8.40	1.63
301	Morris and Essex Extension Railroad Company		1.91									1.91		1.91
302	Newark and Bloomfield Railroad Company		4.24									4.24		4.24
303	New York, Lackawanna and Western Railway Company	207.79		6.41								214.20		214.20
304	Oswego and Syracuse Railroad Company	34.98										34.98		34.98
305	Passaic and Delaware Railroad Company		13.99									13.99	9.99	4.00
306	Passaic and Delaware Extension Railroad Company		7.40									7.40		
307	Utica, Chenango and Susquehanna Railway Company	97.41										97.41		97.41
308	Valley Railroad Company	11.64										11.64		11.64
309	Warren Railroad Company		18.80									18.80		18.80

a Inserted to show proper relation of roads following.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUP

## GROUP II—Continued.

Road number.	CORPORATIONS.	IN GROUP II.							EXTENDING INTO OTHER GROUPS.			Total miles.
		Part of New York.	New Jersey.	Part of Pennsylvania.	Delaware.	Maryland.	District of Columbia.	Part of West Virginia.	Vermont.	Virginia.	Connecticut.	
308	Delaware River Railroad Company		19.07									19.07
309	Delaware, Susquehanna and Schuylkill Railroad Company.			4.80								4.80
310	Delaware River and Lancaster Railroad Company			8.00								8.00
311	Dent's Run Railroad Company			5.00								5.00
312	Diamond Valley Railroad Company			12.25								12.25
313	Eagle Mills Railroad Company			2.50								2.50
314	East Broad Top Railroad and Coal Company			30.00								30.00
315	Shado Gap Railroad Company			9.36								9.36
316	Easton and Northern Railroad Company			5.00								5.00
317	Edgewood Railroad Company			1.00								1.00
318	Elmira, Cortland and Northern Railroad Company	118.70										118.70
319	Canastota Northern Railroad Company	20.73										20.73
320	Emmettsburg Railroad Company					7.00						7.00
321	Erie and Wyoming Valley Railroad Company			61.00								61.00
322	Jones Lake Railroad Company			1.25								1.25
323	Fall Brook Coal Company			7.20								7.20
324	Corning, Cowanesque and Antrim Railroad Company	15.64		69.30								84.94
325	Pine Creek Railroad Company			74.80								74.80
326	Syracuse, Geneva and Corning Railroad Company.	64.18										64.18
327	Falls Creek Railroad Company			3.00								3.00
328	Ferro Monte Railroad Company		3.13									3.13
329	Fonda, Johnstown and Gloversville Railroad Company.	26.17										26.17
330	Fox Creek Railroad Company			6.00								6.00
331	Frankford Creek Railroad Company			0.70								0.70
332	Fulton Chain Railroad Company	8.00										8.00
333	George's Creek and Cumberland Railroad Company					30.83						30.83
334	Gettysburg and Harrisburg Railroad Company			24.00								24.00
335	Grand Trunk Railway Company (a)											
336	United States and Canada Railroad Company	22.18										22.18
337	Gray's Run Railroad Company			6.00								6.00
338	Green Ridge Railroad Company of Maryland.					16.00						16.00
339	Greenlick Narrow Gauge Railroad Company			4.00								4.00
340	Greenwich and Johnsonville Railway Company	14.65										14.65
341	Harrisburg and Potomac Railroad Company			36.90								36.90
342	Herkimer, Newport and Poland Narrow Gauge Railroad Company.	16.73										16.73
343	Hibernia Mine Railroad Company		5.50									5.50
344	Hibernia Underground Railroad Company		1.31									1.31
345	Hickory Valley Railroad Company			2.50								2.50
346	Huntingdon and Broad Top Mountain Railroad and Coal Company.			64.20								64.20
347	Ironton Railroad Company			9.00								9.00
348	Island Railroad Company	0.13										0.13
349	Island Run Railroad Company			5.75								5.75
350	Jones Mountain Railroad Company	3.00										3.00
351	Junction Railroad Company			3.56								3.56
352	Juniata Railroad Company			5.00								5.00
353	Kaaterskill Railroad Company	7.50										7.50
354	Kane Oil Field Railroad Company			7.00								7.00
355	Kanona and Prattsburg Railroad Company	11.44										11.44
356	Keseeville, Au Sable Chasm and Lake Champlain Railroad Company.	5.04										5.04
357	Keystone Coal Company's Railroad			5.50								5.50
358	Kinderhook and Hudson Railroad Company	10.23										10.23
359	Kinzua Creek and Kane Railroad Company			8.75								8.75
360	Kinzua Valley Railroad Company			2.00								2.00
361	Lackawanna and Southwestern Railroad Company	110.00										110.00
362	Lake Champlain and Moriah Railroad Company	7.66										7.66
363	Lancaster, Oxford and Southern Railroad Company			20.00								20.00
364	Lebanon Springs Railroad Company	51.18							5.92			57.10
365	Lehigh and Hudson River Railroad Company	14.50	48.70									63.20
366	South Easton and Phillipsburg Railroad Company.			0.40								0.40
367	Lehigh Valley Railroad Company			285.10								285.10
368	Easton and Amboy Railroad Company		66.20									66.20
369	Hart's Corners, Ovid and Willard Railroad Company.	3.80										3.80
370	Lehigh Valley Railway Company	129.50										129.50
371	Loyalsock Railroad Company			15.00								15.00
372	Pennsylvania and New York Canal and Railroad Company.			118.22								118.22
373	Roselle and South Plainfield Railroad Company		11.20									11.20
374	State Line and Sullivan Railroad Company			25.00								25.00
375	Waverly and State Line Railroad Company	0.40										0.40
376	Wilkesbarre and Harvey's Lake Railroad Company.			13.45								13.45
377	Jersey City Terminal Railway Company		1.27									1.27
378	Southern Central Railroad Company	132.60										132.60
379	Ligonier Valley Railroad Company			10.20								10.20
380	Little Saw Mill Run Railroad Company			3.00								3.00

a Inserted to show proper relation of roads following.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP II—Continued.

Road number.	CORPORATIONS.	IN GROUP II.							EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New York.	New Jersey.	Part of Pennsylvania.	Delaware.	Maryland.	District of Columbia.	Part of West Virginia.	Vermont.	Virginia.	Connecticut.		Iron.	Steel.
380	Long Island Railroad Company.....	270.38										270.38		270.38
381	New York and Flushing Railroad Company.....	2.73										2.73		2.73
382	New York and Long Beach Railroad Company.....	9.83										9.83		
383	New York and Rockaway Railroad Company.....	8.91										8.91	0.88	8.03
384	New York, Brooklyn and Manhattan Beach Railway Company.....	20.14										20.14		20.14
385	Oyster Bay Extension Railway Company.....	4.14										4.14		4.14
386	Smithtown and Port Jefferson Railroad Company.....	18.97										18.97		18.97
387	Stewart Railroad Company.....	10.27										10.27		
388	Marine Railway Company.....	0.33										0.33		0.33
389	Maryland Central Railway Company.....			1.00		43.40						44.40		44.40
390	York and Peach Bottom Railroad Company.....			41.40								41.40		
391	Middleburgh and Schoharie Railroad Company.....	5.75										5.75		
392	Monocacy Valley Railroad Company.....					4.00						4.00		
393	Monongahela Connecting Railroad Company.....			3.13								3.13		3.13
394	Monongahela River Railroad Company.....			31.00								31.00		
395	Mont Alto Railroad Company.....			17.89								17.89	9.28	8.61
396	Montour Railroad Company.....			11.00								11.00		
397	Montrose Railway Company.....			28.00								28.00	28.00	
398	Morris County Railroad Company.....		17.00									17.00	13.00	4.00
399	Hibernia Branch Railroad Company.....		3.50									3.50		
400	Mount Hope Mineral Railroad Company.....		3.54									3.54		3.54
401	Mount Jewett, Kinzua and Rittersville Railway Company.....			3.25								3.25		
402	Mount McGregor Railroad Company.....	10.50										10.50	10.50	
403	National Docks Railway Company.....		1.92									1.92		1.92
404	Newburgh, Dutchess and Connecticut Railroad Company.....	58.84										58.84	11.05	47.79
405	New Jersey and New York Railroad Company.....	17.63	17.11									34.74	13.42	21.32
406	New Jersey and New York Extension Railroad Company.....	2.37										2.37		
407	Garnerville Railroad Company.....	1.00										1.00	1.00	
408	New York Central and Hudson River Railroad Company.....	819.45										819.45		819.45
409	New Jersey Junction Railroad Company.....		4.69									4.69		4.69
410	New York and Harlem Railroad Company.....	135.90										135.90		
411	New York Central and Niagara River Railroad Company.....	2.81										2.81		
412	Spuyten Duyvil and Port Morris Railroad Company.....	6.04										6.04		6.04
413	Troy and Greenbush Railroad Company.....	6.00										6.00		
414	Troy Union Railroad Company.....	5.00										5.00		5.00
415	West Shore Railroad Company.....	429.71	18.35									448.06		448.06
416	Amsterdam, Chuctauunda and Northern Railroad Company.....	1.50										1.50		
417	Buffalo and Erie Basin Railroad Company.....	0.25										0.25		0.25
418	New York Central, Hudson River and Fort Orange Railroad Company.....	0.60										0.60		0.60
419	New York and Greenwood Lake Railway Company.....		40.65									40.65		40.65
420	New York, Lake Erie and Western Railroad Company.....	494.80		44.12								538.92		538.92
421	Arlington Railroad Company.....		1.10									1.10		1.10
422	Avon, Genesee and Mount Morris Railroad Company.....	19.00										19.00	19.00	
423	Bergen and Dundee Railroad Company.....		2.45									2.45	2.45	
424	Bergen County Railroad Company.....		9.82									9.82		9.82
425	Buffalo and Southwestern Railroad Company.....	66.36										66.36		
426	Buffalo, Bradford and Pittsburg Railroad Company.....	9.00		17.17								26.17		26.17
427	Buffalo, New York and Erie Railroad Company.....	142.00										142.00		
428	Rochester and Genesee Valley Railroad Company.....	18.20										18.20		
429	Conesus Lake Railway Company.....	1.61										1.61	0.43	1.18
430	Erie and Black Rock Railroad Company.....	1.14										1.14		1.14
431	Erie International Railway Company.....	4.50										4.50		4.50
432	Goshen and Deckertown Railway Company.....	11.64										11.64	11.64	
433	Jefferson Railroad Company.....			44.83								44.83		44.83
434	Long Dock Company.....		2.79									2.79		
435	Middletown and Crawford Railroad Company.....	10.22										10.22	2.88	7.34
436	Montgomery and Erie Railway Company.....	10.26										10.26		
437	Newark and Hudson Railway Company.....		5.62									5.62		5.62
438	Northern Railroad Company of New Jersey.....		21.28									21.28		21.28
439	Nyack and Northern Railroad Company.....		4.37									4.37		4.37
440	Paterson and Hudson River Railroad Company.....		14.05									14.05	14.05	
441	Paterson and Ramapo Railroad Company.....		15.08									15.08	15.08	
442	Paterson, Newark and New York Railroad Company.....		11.32									11.32		11.32
443	Suspension Bridge and Erie Junction Railroad Company.....	24.01										24.01		24.01
444	Lockport and Buffalo Railway Company.....	13.76										13.76		13.76
445	Union Railroad Company.....	1.00										1.00	1.00	
446	Watchung Branch Railroad Company.....		4.12									4.12		
204	Barclay Railroad Company.....													
448	Erie and Genesee Valley Railroad Company.....	12.25										12.25		
449	New York, Lake Erie and Western Coal and Railroad Company.....			49.29								49.29		49.29
450	Brookport and Shawmut Railroad Company.....			8.00								8.00		8.00
451	New York and Massachusetts Railway Company.....	34.99										34.99		
452	New York and Northern Railway Company.....	57.16										57.16		57.16
453	Mahopac Falls Railroad Company.....	4.05										4.05		4.05



TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP II—Continued.

Road number.	CORPORATIONS.	IN GROUP II.							EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New York.	New Jersey.	Part of Pennsylvania.	Delaware.	Maryland.	District of Columbia.	Part of West Virginia.	Vermont.	Virginia.	Connecticut.		Iron.	Steel.
454	New York, Ontario and Western Railway Company.	320.17										320.17		320.17
455	Ontario, Carbondale and Scranton Railway Company.	2.91		51.09								54.00		54.00
456	Rome and Clinton Railroad Company.	12.70										12.70		
457	Utica, Clinton and Binghamton Railroad Company.	31.30										31.30		31.30
458	Wharton Valley Railway Company.	6.80										6.80		6.80
459	New York, Philadelphia and Norfolk Railroad Company.					52.69				58.77		111.46		111.46
460	New York and Rockaway Beach Railway Company.	10.75										10.75		10.75
461	New York and Sea Beach Railway Company.	6.60										6.60	5.30	1.30
462	New York, Susquehanna and Western Railroad Company.		118.35	16.28								134.63		134.63
463	Lodi Branch Railroad Company.		1.75									1.75	1.75	
464	Macopin Railroad Company.		1.50									1.50		1.50
465	Middletown, Unionville and Water Gap Railroad Company.	13.90										13.90		13.90
466	Passaic and New York Railroad Company.		3.00									3.00		3.00
467	Northern Adirondack Railroad Company.	12.00										12.00		12.00
468	Northern Adirondack Extension Railroad Company.	22.00										22.00		
469	Northern Central Railway Company.			104.03		44.21						148.24	4.00	143.84
470	Oil City and Ridgway Railway and Mining Company.			6.00								6.00		
471	Orange County Railroad Company.	10.70										10.70		10.70
472	Otto Glen Railway Company.			5.00								5.00		
473	Owasco River Railway Company.	0.50										0.50		0.50
474	Pennsylvania Railroad Company.			458.93								458.93	14.85	444.08
475	Bald Eagle Valley Railroad Company.			88.98								88.98	5.29	83.69
476	Bedford and Bridgeport Railroad Company.			49.17								49.17	10.47	38.70
477	Cambridge and Clearfield Railroad Company.			29.09								29.09		29.09
478	Columbia and Port Deposit Railroad Company.			28.97		10.86						39.83		39.83
479	Columbus, Kinkora and Springfield Railroad Company.		14.16									14.16	12.14	2.02
480	Downingtown and Lancaster Railroad Company.			28.11								28.11	11.22	16.89
481	Ebensburg and Cresson Railroad Company.			11.00								11.00	6.93	4.07
482	Frankford and Holmesburg Railroad Company.			4.16								4.16		4.16
483	Freehold and Jamesburg Agricultural Railroad Company.		27.54									27.54		27.54
484	Frederick and Pennsylvania Line Railroad Company.					28.00						28.00	17.08	10.92
485	Hanover and York Railroad Company.			18.35								18.35		18.35
486	Harrisburg, Portsmouth, Mount Joy and Lancaster Railroad Company.			53.74								53.74		53.74
487	Johnsonburg Railroad Company.			19.69								19.69		19.69
488	Kensington and Tacony Railroad Company.			2.28								2.28		2.28
489	Lewisburg and Tyrone Railroad Company.			84.84								84.84	37.40	47.38
490	Littlestown Railroad Company.			9.30								9.30	4.82	4.48
491	Long Beach Railroad Company.		20.50									20.50		20.50
492	Mifflin and Center County Railroad Company.			12.31								12.31	4.08	7.03
493	Millstone and New Brunswick Railroad Company.		6.64									6.64	3.62	3.02
494	Nesquebec Railroad Company.			11.96								11.96		11.96
495	New York Bay Railroad Company.		4.32									4.32		4.32
496	North and West Branch Railway Company.			47.82								47.82		47.82
497	Pennsylvania and Schuylkill Valley Railroad Company.			118.91								118.91		118.91
498	Perth Amboy and Woodbridge Railroad Company.		6.40									6.40		6.40
499	Philadelphia and Erie Railroad Company.			287.56								287.56		287.56
500	Philadelphia and Long Branch Railroad Company.		49.11									49.11	22.16	26.95
501	Philadelphia, Germantown and Chestnut Hill Railroad Company.			6.75								6.75		6.75
502	Pittsburg, Virginia and Charleston Railway Company.			72.52								72.52		72.52
503	Pomeroy and Newark Railroad Company.			21.66	5.04							26.70	20.89	5.81
504	Ridgway and Clearfield Railroad Company.			27.23								27.23		27.23
505	River Front Railroad Company.			3.86								3.86		3.86
506	Southwest Pennsylvania Railroad Company.			100.00								100.00	7.12	92.97
507	Sunbury and Lewisburg Railway Company.			43.45								43.45	0.04	43.41
508	Sunbury, Hazleton and Wilkesbarre Railway Company.			43.44								43.44		43.44
509	Susquehanna and Clearfield Railroad Company.			24.89								24.89		24.89
510	Tipton Railroad Company.			4.44								4.44		4.44
511	Tyrone and Clearfield Railway Company.			109.05								109.05	5.93	103.12
512	United New Jersey Railroad and Canal Company.		144.72									144.72	6.10	138.62
513	Belvidere Delaware Railroad Company.		80.56	0.15								80.71	10.43	70.28
514	Camden and Burlington County Railroad Company.		29.61									29.61	1.96	28.25
515	Mount Holly, Lambertton and Medford Railroad Company.		5.95									5.95	4.28	1.67
516	Philadelphia and Trenton Railroad Company.			26.50								26.50		26.50
517	Connecting Railway Company.			6.75								6.75		6.75
518	Rocky Hill Railroad and Transportation Company.		2.38									2.38		2.38
519	Vincentown Branch Railroad Company.		2.84									2.84	0.46	2.38
520	West Chester Railroad Company.			5.00								5.00		5.00
521	Western Pennsylvania Railroad Company.			98.23								98.23	6.10	92.13
200	Baltimore and Potomac Railroad Company (a).													
522	Catoonsville Short Line Railroad Company.					3.80						3.80		3.80
281	Camden and Atlantic Railroad Company (a).													
523	Philadelphia, Marlton and Medford Railroad Company.		11.71									11.71	7.78	3.93

a Inserted to show proper relation of roads following.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP II—Continued.

Road number.	CORPORATIONS.	IN GROUP II.							EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New York.	New Jersey.	Part of Pennsylvania.	Delaware.	Maryland.	District of Columbia.	Part of West Virginia.	Vermont.	Virginia.	Connecticut.		Iron.	Steel.
281	Pennsylvania Railroad Company—Continued.													
524	Cumberland Valley Railroad Company (a).....							24.48		0.17		33.65		83.05
525	Cumberland Valley and Martinsburg Railroad Company.....			7.70								7.70	2.50	5.20
526	Dillsburg and Mechanicsburg Railroad Company.....			21.40								21.40	18.00	2.50
469	Southern Pennsylvania Railway and Mining Company.....													
527	Northern Central Railway Company (a).....	99.61										99.61	1.00	98.61
528	Elmira and Lake Ontario Railroad Company.....	6.50		69.00								75.50		75.50
529	Elmira and Williamsport Railroad Company.....			10.70								10.70		
530	Lykens Valley Railroad and Coal Company.....			20.78								20.78	1.41	28.87
575	Shamokin Valley and Pottsville Railroad Company.....													
531	Philadelphia, Wilmington and Baltimore Railroad Company (a).....					27.25						27.25	27.10	0.00
532	Cambridge and Seaford Railroad Company.....				96.08	3.80						99.07	11.48	88.40
533	Delaware Railroad Company.....				13.02	40.07						54.29	27.34	20.95
534	Delaware and Chesapeake Railway Company.....				62.81	34.14				0.07		97.02	99.02	28.00
535	Delaware, Maryland and Virginia Railroad Company.....			64.35		9.33						73.08	2.32	71.86
536	Philadelphia and Baltimore Central Railroad Company.....			6.09								6.09		6.09
537	Chester Creek Railroad Company.....					25.80						25.86	23.45	2.41
538	Queen Anne's and Kent Railroad Company.....		0.09	0.10								0.19		0.10
539	Trenton Delaware Bridge Company.....		39.50									39.50	4.50	35.00
540	West Jersey Railroad Company (a).....													
541	West Jersey and Atlantic Railroad Company.....			70.88								70.88		70.88
542	Pennsylvania and Northwestern Railroad Company.....	3.80	23.63	24.85								52.28	0.80	51.48
543	Pennsylvania, Poughkeepsie and Boston Railroad Company.....			4.61								4.61		4.61
544	People's Railway Company.....			38.50								38.50	0.61	31.00
545	Perkiomen Railroad Company.....			11.10								11.10		11.10
546	Perry County Railroad Company.....			21.50								21.50	13.00	8.50
547	Philadelphia and Chester Valley Railroad Company.....			327.00								327.00		
548	Allentown Railroad Company.....			4.50								4.50		
549	Brigantine Beach Railroad Company.....		18.60									18.60		
550	Catawissa Railroad Company.....			96.50								96.50		
551	Chestnut Hill Railroad Company.....			4.13								4.13		
552	Colebrookdale Railroad Company.....			12.80								12.80		
553	Danville and Shamokin Railroad Company.....			0.20								0.20	0.20	
554	Delaware and Bound Brook Railroad Company.....		30.70									30.70		
555	East Trenton Railroad Company.....		2.56									2.56		
556	East Pennsylvania Railroad Company.....			36.00								36.00		
557	Little Schuylkill Navigation Railroad Company.....			28.10								28.10		
558	East Mahanoy Railroad Company.....			14.10								14.10		14.10
559	Mill Creek and Mine Hill Navigation and Railroad Company.....			3.80								3.80		
560	Mine Hill and Schuylkill Haven Railroad Company.....			52.90								52.90		
561	Mount Carbon and Port Carbon Railroad Company.....			2.50								2.50		
562	Norristown Junction Railroad Company.....			0.40								0.40		0.40
563	North Pennsylvania Railroad Company.....			86.40								86.40		
564	Philadelphia, Germantown and Norristown Railroad Company.....			20.20								20.20		
565	Plymouth Railroad Company.....			9.25								9.25		
566	Pickering Valley Railroad Company.....			11.30								11.30		
567	Schuylkill and Lehigh Railroad Company.....			44.00								44.00	44.00	
568	Schuylkill Valley Navigation and Railroad Company.....			11.00								11.00		
569	Shamokin, Sunbury and Lewisburg Railroad Company.....			31.10								31.10		31.10
570	Chester and Delaware River Railroad Company.....			4.40								4.40		
571	Harrisburg Terminal Railroad Company.....			8.80								8.80		
572	North East Pennsylvania Railroad Company.....			9.50								9.50		9.50
573	Reading and Columbia Railroad Company (a).....			15.50								15.50		
574	Lancaster and Reading Narrow Gauge Railroad Company.....			6.30								6.30	0.30	
575	Reading, Marietta and Hanover Railroad Company.....													
576	Philadelphia, Newtown and New York Railroad Company.....			20.90								20.90		20.90
577	Philadelphia, Wilmington and Baltimore Railroad Company.....			19.21	60.03	58.00						137.30	16.55	120.75
578	Port Jervis, Monticello and New York Railroad Company.....	41.05										41.05	15.95	25.10
579	Prospect Park and Coney Island Railway Company.....	5.87										5.87		
580	New York and Coney Island Railroad Company.....	2.41										2.41		
581	Raritan River Railroad Company.....		15.34									15.34		15.34
582	Reading and Columbia Railroad Company.....			52.70								52.70		
583	Reynoldsville and Falls Creek Railroad Company.....			14.50								14.50		14.50
584	Rochester and Glen Haven Railroad Company.....	3.50										3.50		
585	Rochester and Lake Ontario Railway Company.....	6.05										6.05		
586	Rockaway Valley Railroad Company.....		12.00									12.00		12.00
587	Rome, Watertown and Ogdensburg Railroad Company.....	412.55										412.55		
588	Niagara Falls Branch Railroad Company.....	8.74										8.74		
589	Oswego and Rome Railroad Company.....	28.49										28.49		28.49
590	Utica and Black River Railroad Company.....	150.00										150.00	26.00	124.00
591	Carthage, Watertown and Sackett's Harbor Railroad Company.....	29.59										29.59	29.59	

a Inserted to show proper relation of roads following.

## STATISTICS OF TRANSPORTATION.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP II—Continued.

Road number.	CORPORATIONS.	IN GROUP II.							EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New York.	New Jersey.	Part of Pennsylvania.	Delaware.	Maryland.	District of Columbia.	Part of West Virginia.	Vermont.	Virginia.	Connecticut.		Iron.	Steel.
500	Rupert and Bloomsburg Railroad Company.....			1.00								1.00		1.00
501	Salamanac Air Line Railroad Company.....	6.00										6.00		
502	Schoharie Valley Railway Company.....	4.38										4.38		
503	Sea Beach and Brighton Railway Company.....	2.70										2.70		
504	Seneca Falls and Cayuga Lake Railroad Company.....	2.83										2.83		2.83
505	Sharpville Railroad Company.....			20.53								20.53	16.03	4.50
506	Shenandoah Valley Railroad Company.....			12.23								12.23		12.23
507	Skaneateles Railroad Company.....	5.00										5.00		
508	Silver Lake Railway Company.....	0.86										0.86		6.86
509	Slate Run Railroad Company.....			15.00								15.00		15.00
510	Somerset County Railroad Company.....			8.70								8.70		
511	Southfield Branch Railroad Company.....	1.00										1.00		
512	South Mountain Railway and Mining Company.....			17.78								17.78	7.78	10.00
513	Staten Island Rapid Transit Railroad Company.....	9.70										9.70		9.70
514	Staten Island Railway Company.....	12.70										12.70	1.70	11.00
515	Sterling Mountain Railway Company.....	7.60										7.60	0.15	7.45
516	Stewartstown Railroad Company.....			7.20								7.20		7.20
517	Stony Creek Railroad Company.....			10.30								10.30	2.60	7.61
518	Stony Clove and Catskill Mountain Railroad Company.....	14.30										14.30		14.30
519	Strasburg Railroad Company.....			4.50								4.50		
520	Sussex Railroad Company.....		29.52									29.52	0.86	28.66
521	Surrey, Sussex and Southampton Railroad Company.....									10.90		10.90		
522	Syracuse and Baldwinsville Railroad Company.....	6.00										6.00		6.00
523	Syracuse, Binghamton and New York Railroad Company.....	81.00										81.00		81.00
524	Syracuse, Ontario and New York Railway Company.....	45.49										45.49		45.49
525	Tioga Railroad Company.....			46.39								46.39	0.76	45.63
526	Arnot and Pine Creek Railroad Company.....			11.83								11.83	11.83	
527	Empire State Line Railroad Company.....	6.50										6.50		6.50
528	Titusville, Cambridge and Lake Erie Railroad Company.....			1.00								1.00		
529	Tonawanda Valley and Cuba Railroad Company.....	30.00										30.00		
530	Trout Run Railroad Company.....			9.00								9.00		9.00
531	Tuckerton Railroad Company.....		29.00									29.00	21.00	8.00
532	Ulster and Delaware Railroad Company.....	74.00										74.00		74.00
533	Hobart Branch Railroad Company.....	3.61										3.61		3.61
534	Union Railroad Company of Baltimore.....					9.62						9.62	1.55	8.07
535	Union Transportation Company (a).....													
536	Pemberton and Hightstown Railroad Company.....		24.47									24.47		
537	Ursina and North Fork Railway Company.....			4.00								4.00		4.00
538	Utica and Unadilla Valley Railroad Company.....	0.75										0.75		
539	Wallkill Valley Railroad Company.....	32.88										32.88		32.88
540	Washington and Potomac Railroad Company.....					20.13	1.87					22.00		
541	Waynesburg and Washington Railroad Company.....			28.15								28.15	4.75	23.40
542	West Jersey Railroad Company.....		182.12									182.12	34.95	147.17
543	Western Maryland Railroad Company.....			0.50		89.50						90.00		90.00
544	Baltimore and Cumberland Valley Railroad Company.....			4.55								4.55		4.55
545	Baltimore and Cumberland Valley Railroad Extension Company.....			26.52								26.52		26.52
546	Baltimore and Cumberland Valley Railway Company.....					3.03						3.03		3.03
547	Baltimore and Harrisburg Railway Company.....			46.90		19.10						66.00		66.00
548	Berlin Branch Railroad Company.....			7.00								7.00	7.00	
549	Western New York and Pennsylvania Railroad Company.....	198.29		227.45								425.74		
550	Bradford Railway Company.....			14.00								14.00		
551	Genesee Valley Canal Railroad Company.....	98.90										98.90		
552	Genesee Valley Terminal Railway Company.....	2.46										2.46		
553	Kendall and Eldred Railroad Company.....			18.00								18.00		
554	Kinzua Railway Company.....			12.00								12.00		
555	McKean and Buffalo Railroad Company.....			22.15								22.15		
556	Olean, Bradford and Warren Railroad Company in New York.....	12.00										12.00		
557	Olean, Bradford and Warren Railway Company in Pennsylvania.....			14.00								14.00		
558	Rochester, New York and Pennsylvania Railroad Company.....	11.00										11.00		
559	Union Terminal Railroad Company.....	2.31										2.31		
560	Wilcox Railroad Company.....			5.00								5.00		
561	Wilkesbarre and Western Railway Company.....			22.00								22.00		
562	Williamsport and North Branch Railroad Company.....			27.00								27.00		27.00
563	Wilmington and Northern Railroad Company.....			64.40	24.01							88.41	8.65	79.76
564	Youghiogheny Railroad Company.....			9.79								9.79		

a Inserted to show proper relation of roads following.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP III.

Road number.	CORPORATIONS.	IN GROUP III.					EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Ohio.	Part of Michigan.	Indiana.	Part of New York.	Part of Pennsylvania.	Illinois.	West Virginia.		Iron.	Steel.
	Total .....	7,902.91	5,946.05	5,624.34	254.46	1,190.21	755.40	44.70	21,718.67		
655	Addyston and Ohio River Railroad Company .....	7.05							7.05		7.05
656	Alpena and Hubbard Lake Railroad Company .....		15.00						15.00		
657	Au Sable and Northwestern Railroad Company .....		88.00						88.00		
181	Baltimore and Ohio Railroad Company (west of Ohio river) (a) .....										
658	Baltimore and Ohio and Chicago Railroad Company .....	110.31		146.38			5.31		262.00		262.00
659	Central Ohio Railroad Company .....	143.83							143.83	1.53	142.30
660	Sandusky, Mansfield and Newark Railroad Company .....	116.25							116.25		116.25
661	Newark, Somerset and Straitsville Railroad Company .....	46.70							46.70		46.70
662	Baltimore and Ohio Southwestern Railroad Company .....	280.83							280.83	192.88	87.95
663	Bear Lake and Eastern Railroad Company .....		18.00						18.00		
664	Bellaire, Zanesville and Cincinnati Railroad Company .....	101.75							101.75		
665	Maskingum County Railroad Company .....	9.00							9.00		
666	Cadillac and Northeastern Railroad Company .....		15.00						15.00		
667	Central Michigan Railroad Company .....		15.00						15.00		
668	Central Union Depot and Railway Company .....	1.44							1.44		
669	Chautauqua Lake Railway Company .....				23.85				23.85		23.85
670	Chicago and Atlantic Railway Company .....	88.43		160.07					248.50		248.50
671	Chicago and Grand Trunk Railway Company .....		224.00	80.62			21.88		326.50		326.50
672	Chicago and West Michigan Railway Company .....		373.94	34.46					408.40	48.66	359.44
673	Detroit, Lansing and Northern Railroad Company .....		221.57						221.57		
674	Saginaw and Western Railroad Company .....		42.57						42.57	5.57	37.00
675	Saginaw Valley and St. Louis Railroad Company .....		35.50						35.50		
676	Saginaw and Grand Rapids Railroad Company .....		3.60						3.60		3.60
677	Grand Rapids, Lansing and Detroit Railroad Company .....		55.54						55.54		
678	Grand Rapids Transfer and Junction Railroad Company .....		1.00						1.00	1.00	
679	Chicago, Detroit and Canada Grand Trunk Junction Railway Company .....		59.37						59.37		59.37
680	Chicago, Kalamazoo and Saginaw Railway Company .....		44.20						44.20		
681	Chicago, St. Louis and Pittsburg Railroad Company .....	135.88		416.04			28.60		580.52	31.63	548.89
682	Cincinnati and Westwood Railroad Company .....	5.63							5.63	3.63	2.00
683	Cincinnati, Georgetown and Portsmouth Railroad Company .....	42.00							42.00	37.00	5.00
684	Cincinnati, Hamilton and Dayton Railroad Company .....	59.74							59.74		59.74
685	Bowling Green Railroad Company .....	5.55							5.55		
686	Cincinnati and Dayton Railway Company .....	13.38							13.38		
687	Cincinnati, Hamilton and Indianapolis Railroad Company .....	19.52		78.26					97.78		
688	Columbus, Findlay and Northern Railway Company .....	17.04							17.04		
689	Dayton and Michigan Railroad Company .....	140.72							140.72		
690	Piqua and Troy Branch Railroad Company .....	8.61							8.61		
691	Cincinnati, Jackson and Mackinaw Railroad Company .....	170.92	155.13						326.10	2.00	324.10
692	Cincinnati, Lebanon and Northern Railway Company .....	37.65							37.65	16.56	21.09
693	Cincinnati and Muskingum Valley Railway Company .....	148.45							148.45	48.05	100.40
694	Cincinnati, New Richmond and Ohio River Railroad Company .....	15.00							15.00		
695	Cincinnati Northwestern Railway Company .....	6.50							6.50		6.50
696	Cincinnati, Saginaw and Mackinaw Railroad Company .....		52.97						52.97		52.97
697	Cincinnati, Sandusky and Cleveland Railway Company .....	169.76							169.76		169.76
698	Columbus, Springfield and Cincinnati Railroad Company .....	45.00							45.00		
699	Cincinnati, Wabash and Michigan Railway Company .....		35.40	130.60					165.00		165.00
700	Cincinnati, Wheeling and New York Railroad Company .....	19.00							19.00		
701	Cleveland and Canton Railroad Company .....	160.62							160.62		160.62
702	Cleveland, Chagrin Falls and Northern Railroad Company .....	5.00							5.00		
703	Coshocton and Southern Railroad Company .....	29.47							29.47		29.47
704	Waynesburg and Canton Railroad Company .....	6.36							6.36		
705	Cleveland and Marietta Railroad Company .....	97.00							97.00	9.50	87.50
706	Cleveland and Western Railroad Company .....	56.00							56.00		
707	Cleveland, Akron and Columbus Railway Company .....	177.25							177.25		177.25
708	Cleveland, Cincinnati, Chicago and St. Louis Railway Company (line east of Terre Haute, Ind.) .....	327.40		313.01					640.41		640.41
709	Cincinnati and Springfield Railway Company .....	48.05							48.05		48.05
710	Cincinnati and Southern Ohio River Railroad Company .....		3.09						3.09		3.09
711	Cincinnati, Lafayette and Chicago Railroad Company .....		28.75				32.55		56.30		56.30
712	Columbus, Hope and Greensburg Railroad Company .....		26.50						26.50		26.50
713	Fairland, Franklin and Martinsville Railroad Company .....		37.50						37.50	31.00	6.50
714	Harrison Branch Railroad Company .....	7.01	0.69						7.70		7.70
715	Mount Gilead Short Line Railway Company .....	2.00							2.00		2.00
716	Vernon, Greensburg and Rushville Railroad Company .....		45.10						45.10		45.10
717	Cleveland, Lorain and Wheeling Railroad Company .....	164.30							164.30		164.30
718	Columbus and Cincinnati Midland Railroad Company .....	69.80							69.80		69.80
719	Columbus, Hocking Valley and Toledo Railway Company .....	311.72							311.72		311.72
720	Columbus and Maysville Railroad Company .....	17.70							17.70	17.70	
721	Columbus, Shawnee and Hocking Railway Company .....	93.40							93.40		93.40
722	Crawford and Manistee River Railway Company .....		10.00						10.00		10.00
723	Dayton and Union Railway Company .....	31.69							31.69		31.69
724	Dayton, Fort Wayne and Chicago Railway Company .....	241.20							241.20	110.70	130.50
725	Dead River Railroad Company .....		3.03						3.03		
726	Delta Lumber Railroad Company .....		9.00						9.00		
727	Deshler and Wayback City Railroad Company .....	5.00							5.00		
728	Detroit, Grand Haven and Milwaukee Railway Company .....		189.00						189.00		189.00
729	Detroit, Bay City and Alpena Railroad Company .....		232.98						232.98		
730	Dunkirk, Allegheny Valley and Pittsburg Railroad Company .....				42.30	48.80			90.60	3.90	86.70
731	Evansville and Richmond Railroad Company .....			82.50					82.50		
732	Evansville and Terre Haute Railroad Company .....			181.82					181.82	80.60	151.22

a Inserted to show proper relation of roads following.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP III—Continued.

Road number.	CORPORATIONS.	IN GROUP III.					EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Ohio.	Part of Michigan.	Indiana.	Part of New York.	Part of Pennsylvania.	Illinois.	West Virginia.		Iron.	Steel.
733	Evansville and Indianapolis Railroad Company .....			137.20					137.20	13.20	124.00
734	Evansville Belt Railway Company .....			4.45					4.45		4.45
735	Evansville Suburban and Newburg Railway Company .....			10.90					10.90		10.90
736	Findlay, Fort Wayne and Western Railroad Company .....	23.30							23.30		
737	Flint and Pere Marquette Railroad Company .....		624.94						624.94	72.50	552.44
738	Fort Wayne, Cincinnati and Louisville Railway Company .....			128.90					128.90	40.30	82.60
739	Frankfort and Southeastern Railroad Company .....		24.75						24.75		24.75
740	Grand Rapids and Indiana Railroad Company .....		375.16	53.11					428.27		
80	Grand Trunk Railway Company (a) .....										
741	Grand Trunk Junction Railway Company .....						8.00		8.00		3.99
742	Michigan Air Line Railway Company .....		105.60						105.60		105.60
743	Grass Lake and Manistee River Railroad Company .....		8.00						8.00		
744	Hancock and Calumet Railroad Company .....		20.36						20.36		20.36
745	Hobart and Manistee Railroad Company .....		9.24						9.24		
746	Hecla and Torch Lake Railroad Company .....		7.50						7.50		
747	Indiana and Illinois Southern Railroad Company .....			54.00			56.00		90.00	80.00	10.00
748	Indiana, Illinois and Iowa Railroad Company .....			49.24			68.95		118.19	1.20	116.99
749	Indianapolis, Decatur and Western Railway Company (line in Indiana) .....			70.75					70.75		70.75
750	Indianapolis Union Railway Company .....			0.94					0.94		0.94
751	Indianapolis Belt Railroad Company .....			14.29					14.29		14.29
752	Iron Railway Company .....	20.00							20.00	11.00	9.00
753	Iron Range and Huron Bay Railroad Company .....		20.00						20.00		
754	Ivorydale and Mill Creek Valley Railway Company .....	4.00							4.00		4.00
755	Kanawha and Michigan Railway Company (north of Ohio river) .....	68.32							68.32	4.30	64.03
756	Kingston and Adelphi Railroad Company .....	10.00							10.00		10.00
757	Lake County Railroad Company .....		11.00						11.00		11.00
758	Lake Erie and Western Railroad Company .....	146.33		317.14			118.60		582.07	70.36	511.71
759	Lake Erie, Alliance and Southern Railway Company .....	61.00							61.00		61.00
760	Lake Shore and Michigan Southern Railway Company .....	369.70	187.30	167.81	71.00	40.82	14.02		859.15	1.50	857.65
761	Detroit and Chicago Railroad Company .....	4.66	62.94						67.60		
762	Detroit, Hillsdale and Southwestern Railway Company .....		65.20						65.20		
763	Detroit, Monroe and Toledo Railroad Company .....	7.69	54.67						62.36		62.36
764	Fort Wayne and Jackson Railroad Company .....		44.54	53.29					97.83		
765	Jamestown and Franklin Railroad Company .....					50.91			50.91		50.91
766	Kalamazoo and White Pigeon Railroad Company .....		36.57						36.57		36.57
767	Kalamazoo, Allegan and Grand Rapids Railroad Company .....		58.42						58.42		58.42
768	Maloning Coal Railroad Company .....	48.03				2.26			50.29		
769	Northern Central Michigan Railroad Company .....		61.14						61.14		
770	Sturgis, Goshen and St. Louis Railway Company .....		11.54	24.27					35.81		
771	Lakeside and Marblehead Railroad Company .....		7.35						7.35		7.35
772	Louisville, Evansville and St. Louis Consolidated Railroad Company .....			209.61			150.67		360.28	16.03	344.25
773	Louisville, New Albany and Chicago Railway Company .....			451.40					451.40		
774	Bedford and Bloomfield Railroad Company .....			41.36					41.36		
775	Orleans, West Baden and French Lick Springs Railroad Company .....			17.70					17.70		
776	Louisville, New Albany and Corydon Railroad Company .....			12.50					12.50	8.00	4.50
777	Manistee and Luther Railroad Company .....		63.00						63.00		63.00
778	Manistee and Northeastern Railroad Company .....		69.71						69.71		
779	Manistique Railway Company .....		40.75						40.75		40.75
780	Mason and Oceana Railroad Company .....		27.00						27.00		27.00
781	Meadville and Linesville Railway Company .....					20.50			20.50	17.00	3.50
782	Michigan Central Railroad Company .....		221.00	43.00			6.07		270.07		270.07
783	Battle Creek and Sturgis Railway Company .....		41.00						41.00		
784	Bay City and Battle Creek Railway Company .....		18.00						18.00		18.00
785	Canada Southern Bridge Company .....		3.66						3.66		3.66
786	Detroit and Bay City Railroad Company .....		151.42						151.42		151.42
787	Grand River Valley Railroad Company .....		83.79						83.79		
788	Jackson, Lansing and Saginaw Railroad Company .....		295.10						295.10		
789	Joliet and Northern Indiana Railroad Company .....			16.00			29.00		45.00		45.00
790	Kalamazoo and South Haven Railroad Company .....		39.50						39.50		39.50
791	Michigan Air Line Railroad Company .....		109.10	6.06					115.16		115.16
792	Michigan, Midland and Canada Railroad Company .....		14.68						14.68		14.68
793	Saginaw Bay and Northwestern Railroad Company .....		89.31						89.31		89.31
794	Toledo and Michigan Belt Railway Company .....	1.21							1.21		
795	Toledo, Canada Southern and Detroit Railway Company .....	8.60	47.27						55.87		55.87
796	Midland Railway Company of Indiana .....			74.00					74.00		
797	Mineral Range Railroad Company .....		17.00						17.00		17.00
798	New Castle and Butler Railroad Company .....					2.50			2.50		2.50
799	New York, Chicago and St. Louis Railroad Company .....	239.49		161.02	68.07	43.08			502.56		502.56
800	Chicago State Line Railroad Company .....						9.96		9.96		
420	New York, Lake Erie and Western Railroad Company (west of Salamanca, N. Y.) (a) .....										
801	New York, Pennsylvania and Ohio Railroad Company .....	252.03			49.24	126.18			427.45		
802	Cleveland and Mahoning Valley Railroad Company .....	123.94							123.94		
803	New Castle and Shenango Valley Railroad Company .....					16.20			16.20		
804	Sharon Railway Company .....					16.14			16.14	3.95	13.08
805	Westernman Railroad Company .....	0.62							2.09		2.09
806	Youngstown and Austintown Railroad Company .....	9.98				1.47			9.98		
807	Northwestern Monroe Railroad Company .....	2.00							2.00		
808	Ohio and Mississippi Railway Company (east of Vincennes, Ind.) .....	19.67		233.29					252.96		252.96
809	Ohio and Northwestern Railroad Company .....	107.50							107.50		107.50
810	Hillsborough Short Line Railroad Company .....	1.80							1.80		
811	Ohio Southern Railroad Company .....	118.25							118.25		118.25
812	Pelton Logging Railroad Company .....		4.00						4.00		

(a) Inserted to show proper relation of roads following.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP III—Continued.

Road number.	CORPORATIONS.	IN GROUP III.					EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Ohio.	Part of Michigan.	Indiana.	Part of New York.	Part of Pennsylvania.	Illinois.	West Virginia.		Iron.	Steel.
813	Pennsylvania Company (a) .....										
814	Cleveland and Pittsburgh Railroad Company .....	183.34				15.00			198.34		198.34
815	Erie and Pittsburgh Railroad Company .....					84.47			84.47		
816	Indianapolis and Vincennes Railroad Company .....			132.95					132.95	34.65	98.30
817	Jeffersonville, Madison and Indianapolis Railroad Company .....			222.35					222.35	64.24	158.11
818	Northwestern Ohio Railway Company .....	79.98							79.98		79.98
819	Pittsburg, Fort Wayne and Chicago Railroad Company .....	251.86		152.97		48.74	16.32		469.89		469.89
820	Massillon and Cleveland Railroad Company .....	12.23							12.23	12.23	
821	New Castle and Beaver Valley Railroad Company .....					14.98			14.98		14.98
822	Pittsburg, Youngstown and Ashtabula Railroad Company .....	97.41				21.90			119.31	14.62	104.69
823	South Chicago and Southern Railroad Company .....						10.25		10.25		10.25
824	Calumet River Railway Company .....						4.43		4.43		4.43
825	Cincinnati and Richmond Railroad Company .....	60.02		5.98					66.00	2.30	63.61
826	Cincinnati, Richmond and Fort Wayne Railroad Company .....			85.60					85.60	32.60	53.00
827	Muskegon, Grand Rapids and Indiana Railroad Company .....		36.85						36.85		36.85
828	Traverse City Railroad Company .....		26.00						26.00		26.00
829	Chartiers Railway Company .....					22.76			22.76		22.76
830	Chartiers Connecting Railroad Company .....					0.72			0.72		
831	Little Miami Railroad Company .....	98.38							98.38		
832	Columbus and Xenia Railroad Company .....	59.86							59.86		
833	Dayton and Western Railroad Company .....	37.23							37.23		
834	Pittsburg, Wheeling and Kentucky Railroad Company .....							28.04	28.04		28.04
835	State Line and Indiana City Railway Company .....			3.18					3.18		3.18
836	Steenbeville Extension Railroad Company .....					1.23			1.23		
837	Peoria and Eastern Railway Company (east of Danville, Ill.) .....	61.24		157.60					218.83		218.83
838	Pittsburg and Castle Shannon Railroad Company .....					6.50			6.50	0.50	6.00
839	Pittsburg, Cincinnati and St. Louis Railroad Company .....	156.32				40.89	16.66		213.78	7.05	206.73
840	Pittsburg and Lake Erie Railroad Company .....	8.25				92.68			70.93		70.93
841	McKeesport and Belle Vernon Railroad Company .....					28.00			28.00		
842	Youghiogheny Northern Railroad Company .....					3.04			3.04		3.04
843	Pittsburg, McKeesport and Youghiogheny Railroad Company .....					64.79			64.79		64.79
844	Pittsburg and Western Railway Company .....					213.90			213.90		213.90
845	Pittsburg and Northern Railroad Company .....					4.00			4.00		4.00
846	Pittsburg, Cleveland and Toledo Railroad Company .....	67.27				0.93			77.20		77.20
847	Pittsburg, Painesville and Fairport Railroad Company .....	52.20							52.20		
848	Trumbull and Mahoning Railroad Company .....	11.10							11.10		
849	Pittsburg, Chartiers and Youghiogheny Railroad Company .....					15.20			15.20		15.20
850	Pittsburg, Marion and Chicago Railroad Company .....	15.90				9.10			25.00		25.00
851	Pittsburg, Shenango and Lake Erie Railroad Company .....					63.00			63.00	22.90	40.10
852	Pittsburg, Butler and Shenango Railroad Company .....					19.99			19.99		
853	Pittsburg Junction Railroad Company .....					6.55			6.55		6.55
854	Pontiac, Oxford and Northern Railroad Company .....		100.20						100.20		100.20
855	Portage Lake and Manistee River Railroad Company .....		3.75						3.75		
856	Portage Lake and Muskegon River Railroad Company .....		20.00						20.00		
857	Port Clinton Short Line Railroad Company .....	1.00							1.00		
858	Saginaw, Tuscola and Huron Railroad Company .....		66.57						66.57		
859	St. Clairsville and Northern Railway Company .....	3.40							3.40		
860	St. Helen, Houghton Lake and Western Railroad Company .....		11.00						11.00		
861	St. Joseph Valley Railway Company .....		10.00						10.00	10.00	
862	Salineville Branch Railroad Company .....		3.00						3.00		
863	Scioto Valley and New England Railroad Company .....	126.44							126.44		126.44
864	Terre Haute and Indianapolis Railroad Company (in Indiana) .....			79.00					79.00		79.00
865	Indiana and Lake Michigan Railroad Company .....		24.29	15.00					39.29		
866	Terre Haute and Logansport Railroad Company .....			150.50					150.50		
867	Tionesta Valley Railroad Company .....					20.00			20.00	13.00	7.00
868	Cherry Grove Railway Company .....					11.00			11.00		11.00
869	Sheffield and Spring Creek Railroad Company .....					9.00			9.00		9.00
870	Toledo and Ohio Central Railway Company .....	197.27							197.27		197.27
871	Toledo and Ohio Central Extension Railroad Company .....	69.90							69.90		
872	Toledo and South Haven Railroad Company .....		37.00						37.00	37.00	
873	Toledo and Western Railroad Company .....	70.00							70.00		
874	Toledo, Ann Arbor and North Michigan Railway Company .....	5.00	241.03						246.00	10.00	236.00
875	Toledo, Ann Arbor and Lake Michigan Railway Company .....		40.00						40.00		40.00
876	Toledo, Columbus and Cincinnati Railroad Company .....	69.75							69.75		69.75
877	Toledo, Findlay and Springfield Railroad Company .....	15.00							15.00		15.00
878	Toledo, St. Louis and Kansas City Railroad Company .....	100.03		171.20			179.49		450.72		450.72
879	Toledo, Saginaw and Muskegon Railroad Company .....		96.00						96.00		96.00
880	Valley Railway Company of Ohio .....	87.68							87.68	17.32	70.36
881	Van Wert and Paulding Railroad Company .....	10.00							10.00		
882	Wabash Railroad Company (east of Danville, Ill.) .....	104.60	76.20	171.90					352.70	13.00	339.70
883	Attica, Covington and Southern Railroad Company .....			14.80					14.80		
884	Detroit, Butler and St. Louis Railroad Company .....	28.50	79.10	5.90					113.50		
885	Detroit Union Railroad Depot and Station Company .....		8.33						8.33		
886	Eel River Railroad Company .....			93.20					93.20		
887	Warren and Farnsworth Railroad Company .....					15.26			15.26		
888	West Branch Railroad Company .....		10.00						10.00		
889	Wheeling and Lake Erie Railway Company .....	219.35							219.35		219.35
890	Toledo Belt Railway Company .....	4.20							4.20		
891	White Water Railroad Company .....			62.40					62.40		62.40
892	Wilson Luther and Wilson Logging Company's Railroad .....		24.00						24.00		
893	Wingleton and Wolf Lake Railroad Company .....		10.00						10.00		
894	Zanesville and Ohio River Railroad Company .....	72.04							72.04		

a Inserted to show proper relation of roads following.



TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP IV.

Road number.	CORPORATIONS.	IN GROUP IV.				EXTENDING INTO OTHER GROUPS.				Total miles.	RAILS.	
		Virginia.	Part of West Virginia.	North Carolina.	South Carolina.	Kentucky.	Georgia.	Tennessee.	Maryland.		Iron.	Steel.
	Total.....	3,100.59	820.59	2,025.86	2,081.47	8.50	33.80	16.00	45.27	9,032.08		
895	Alexandria and Fredericksburg Railway Company (a).....											
896	Alexandria and Washington Railway Company (a).....											
897	Albemarle and Pantego Railroad Company.....			41.50						41.50		
898	Atlantic and Danville Railway Company.....	189.00		29.00						218.00		
899	Atlantic and North Carolina Railroad Company.....			95.00						95.00		95.00
900	Atlantic Coast Line Association.....	74.44		445.38	197.47					717.29	70.38	646.91
901	Albemarle and Raleigh Railroad Company (b).....											
902	Cheraw and Darlington Railroad Company (b).....											
903	Cheraw and Salisbury Railroad Company (b).....											
904	Florence Railroad Company (b).....											
905	Manchester and Augusta Railroad Company (b).....											
906	Northeastern Railroad Company of South Carolina (b).....											
907	Central Railroad Company of South Carolina.....				40.00					40.00		40.00
908	Petersburg Railroad Company (b).....											
909	Richmond and Petersburg Railroad Company (b).....											
910	Wilmington and Weldon Railroad Company (b).....											
911	Wilmington, Columbia and Augusta Railroad Company.....			67.50	125.35					192.85		192.85
181	Baltimore and Ohio Railroad Company (line south of Harpers Ferry, W. Va.) (c).....											
912	Winchester and Potomac Railroad Company.....	32.00								32.00		
913	Winchester and Strasburg Railroad Company.....	19.00								19.00		
914	Barnwell Railway Company.....				9.00					9.00	6.00	3.00
915	Beaufort County Railroad Company.....			12.00						12.00		
916	Bishopville Railroad Company.....				15.00					15.00	15.00	
917	Blackville, Alston and Newberry Railroad Company.....				30.00					30.00		30.00
918	Cape Fear and Cincinnati Railway Company.....				14.50					14.50		
919	Cape Fear and Yadkin Valley Railway Company.....			327.55						327.55	22.91	304.64
920	South Carolina Pacific Railway Company.....				10.50					10.50		
921	Carolina Central Railroad Company.....			264.60						264.60	97.00	167.60
922	Carolina, Knoxville and Western Railway Company.....				13.50					13.50		13.50
923	Cashi and Chowan Railroad Company.....			30.00						30.00		
924	Charleston and Savannah Railway Company.....				91.60		11.00			102.60	2.00	100.60
925	Ashley River Railroad Company.....				4.00					4.00		4.00
926	Charleston, Cincinnati and Chicago Railroad Company.....			39.72	108.07	8.50		16.00		172.29		172.29
927	Charleston, Sumter and Northern Railroad Company.....				70.75					70.75		
928	Chesapeake and Ohio Railway Company (line east of Huntington, W. Va.).....	564.90	201.10							766.00		766.00
929	Buckingham Railroad Company.....	4.10								4.10		
930	Danville and New River Railroad Company.....	75.00								75.00		
931	Danville, Mocksville and Southwestern Railroad Company.....	0.20		7.80						8.00		
932	Durham and Northern Railway Company.....			41.00						41.00		41.00
933	Farmville and Powhatan Railroad Company.....	96.59								96.59	32.00	64.59
934	Georgetown and Western Railroad Company.....				36.00					36.00	30.00	
935	Georgia, Carolina and Northern Railway Company.....			14.33	47.69					62.02		62.02
936	Grafton and Greenbrier Railroad Company.....		42.00							42.00		
937	Green Pond, Walterboro and Branchville Railway Company.....				12.00					12.00		12.00
938	Hamilton Railroad and Lumber Company.....			25.50						25.50		
939	Hartsville Railroad Company.....				10.00					10.00		
940	Jamesville and Washington Railroad Company.....			22.57						22.57		
941	Kanawha Railway Company.....		9.00							9.00	6.00	3.00
942	Kanawha and Coal River Railroad Company.....		14.00							14.00		
755	Kanawha and Michigan Railway Company (line south Ohio river).....		63.68							63.68		63.68
943	Laurel Fork and Sand Hill Railroad Company.....		5.00							5.00	2.50	2.50
944	Laurel Run Railroad Company.....		7.00							7.00		
945	Lynchburg and Durham Railroad Company.....	73.40		10.60						84.00		84.00
946	Maxton, Alma and Rawland Railroad Company.....			16.00						16.00		
947	Meberlin Valley Railway Company.....	19.00		1.70						20.70		20.70
948	New Hanover Transit Company.....			3.00						3.00		
949	Norfolk and Carolina Railroad Company.....	44.00		66.50						110.50		110.50
950	Norfolk and Ocean View Railroad Company.....	8.00								8.00		
951	Norfolk and Virginia Beach Railroad Company.....	17.90								17.90	0.50	17.40
952	Norfolk and Western Railroad Company.....	606.76	64.15							670.91	18.64	652.27
953	Norfolk Southern Railroad Company.....	22.13		51.89						74.02	52.32	21.70
954	Ocean View Railroad Company.....			1.60						1.60		
955	Ohio River Railroad Company.....		215.00							215.00		215.00
956	Palmetto Railroad Company.....			7.00	11.20					18.20		18.20
957	Pennsboro and Harrisville Ritchie County Railway Company.....		9.00							9.00		9.00
958	Port Royal and Augusta Railway Company.....				108.30		3.70			112.00	18.28	93.72
959	Port Royal and Western Carolina Railroad Company.....				211.20		17.40			228.60	40.00	179.60
960	Potomac, Fredericksburg and Piedmont Railroad Company.....	38.00								38.00	37.67	0.33
961	Richmond and Danville Railroad Company (line east of Atlanta, Ga.).....	152.60								152.60	11.00	141.60
962	Asheville and Spartanburg Railroad Company.....			23.53	42.37					65.90	45.70	20.20
963	Charlotte, Columbia and Augusta Railroad Company.....			11.50	178.80		0.70			191.00		191.00
964	Atlantic, Tennessee and Ohio Railroad Company.....			44.00						44.00	44.00	
965	Cheraw and Chester Railroad Company.....				28.60					28.60	26.80	1.80
966	Chester and Lenoir Railroad Company.....			62.40	37.00					99.40	69.50	29.90
967	Statesville and Western Railroad Company.....			20.30						20.30	20.30	

a Mileage included in the Washington Southern Railway Company, into which this company was merged.

b Mileage included in the Atlantic Coast Line Association.

c Mileage included in the report of lines east of the Ohio river.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP IV—Continued.

Road number.	CORPORATIONS.	IN GROUP IV.				EXTENDING INTO OTHER GROUPS.				Total miles.	RAILS.	
		Virginia.	Part of West Virginia.	North Carolina.	South Carolina.	Kentucky.	Georgia.	Tennessee.	Maryland.		Iron.	Steel.
968	Richmond and Danville Railroad Company—Continued.											
969	Columbia and Greenville Railroad Company.....				199.00					199.00		
970	Laurens Railway Company.....				29.90					29.90	29.00	
971	Spartanburg, Union and Columbia Railroad Company.....				68.00					68.00		68.00
972	High Point, Randleman, Ashboro and Southern Railroad Company.....			27.70						27.70		27.70
973	Milton and Sutherlin Railroad Company.....	6.00		0.50						6.50	6.50	
974	North Carolina Railroad Company.....			223.00						223.00		223.00
975	North Western North Carolina Railroad Company.....			100.20						100.20	18.80	81.40
976	Oxford and Clarksville Railroad Company.....	7.20		49.30						56.50		56.50
977	Oxford and Henderson Railroad Company.....			13.00						13.00	13.00	
978	Piedmont Railroad Company.....	6.10		42.30						48.40		
979	Richmond and Mecklenburg Railroad Company.....	31.30								31.30		31.30
980	Richmond, York River and Chesapeake Railroad Company.....	38.70								38.70	12.40	20.30
981	State University Railroad Company.....			10.20						10.20	10.20	
982	Virginia Midland Railroad Company.....	310.70								310.70	65.20	245.50
983	Charlottesville and Rapidan Railroad Company (a).....											
984	Franklin and Pittsylvania Railroad Company.....	37.00								37.00	37.00	
985	Washington, Ohio and Western Railroad Company.....	50.10								50.10	2.80	47.30
986	Western North Carolina Railroad Company.....			202.20						202.20	90.80	201.40
987	Raleigh and Augusta Air Line Railroad Company.....			107.27						107.27	10.27	97.00
988	Raleigh and Gaston Railroad Company.....			97.00						97.00		97.00
989	Richmond, Fredericksburg and Potomac Railroad Company.....	78.75								78.75		78.75
990	Potomac Railroad Company.....	1.70								1.70		1.70
991	Richmond, Fredericksburg and Potomac, and Richmond and Petersburg Railroad Connecting Company.....	1.25								1.25		1.25
992	Ripley and Mill Creek Valley Railroad Company.....		13.00							13.00		13.00
993	Roanoke Railroad Company.....			10.00						10.00		
994	Roanoke and Southern Railway Company.....			18.00						18.00		18.00
995	Scranton Railway Company.....				1.50					1.50		
996	Seaboard and Roanoke Railroad Company.....	62.28		19.02						81.30		81.30
997	Roanoke and Tar River Railroad Company.....			32.30						32.30		32.30
998	Wilmington Railway Bridge Company.....			2.40						2.40		
999	Carthage Railroad Company.....			10.00						10.00		
1000	Pittsboro Railroad Company.....			12.00						12.00		
1001	Louisburg Railroad Company.....			10.00						10.00		
1002	Shenandoah Valley Railroad Company.....	220.89	18.30						16.30	255.55		255.55
1003	South Atlantic and Ohio Railroad Company.....	70.00								70.00		70.00
1004	South Carolina Railway Company.....			245.00			1.00			246.00	11.00	235.00
1005	Carolina, Cumberland Gap and Chicago Railroad Company.....			25.00						25.00		
1006	Columbia, Newberry and Laurens Railroad Company.....			2.00						2.00		
1007	Suffolk and Carolina Railway Company.....	15.00		24.00						39.00		39.00
1008	Suffolk Lumber Company's Railroad.....	15.00		12.00						27.00		
1009	Summerville and St. John's Railway Company.....				14.00					14.00		
1010	Taylor Lumber Railroad Company.....			6.00						6.00		
1011	Tunnelton, Kingwood and Fairchance Railroad Company.....		10.25							10.25		
1012	Valley Railroad Company of Virginia.....	60.00								60.00		
1013	Victoria and Western Railroad Company.....	18.00								18.00		
1014	Washington Southern Railway Company.....	33.60								33.60		33.60
1015	West Virginia and Pittsburg Railroad Company.....		39.80							39.80		39.80
1016	West Virginia Central and Pittsburg Railway Company.....		90.95						8.40	99.35		99.35
1017	Piedmont and Cumberland Railway Company.....		8.72						20.51	29.23		
1018	Wilmington, Chadbourne and Conway Railroad Company.....			14.00	25.17					39.17	36.17	3.00
1019	Wilmington Sea Coast Railway Company.....			10.00						10.00		10.00
1020	Wilson and Summerton Railroad Company.....			10.00						10.00		
1021	Winifrede Railroad Company.....		9.64							9.64		9.64

a Mileage included in the Virginia Midland Railroad Company.



TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP V.

Road number.	CORPORATIONS.	IN GROUP V.						EXTENDING INTO OTHER GROUPS.						Total miles.	RAILS.	
		Tennes- see.	Missis- sippi.	Ala- bama.	Ken- tucky.	Georgia.	Florida.	West Vir- ginia.	Ohio.	Indi- ana.	Louis- iana.	North Caro- lina.	South Caro- lina.		Iron.	Steel.
	Total.....	2,714.31	2,329.03	3,310.73	2,744.69	4,523.66	2,470.89	8.60	1.06	13.57	343.05	34.70	129.50	18,023.79		
1021	Abbeville and Waycross Railroad Company.					13.00								13.00		
1022	Alabama and Vicksburg Railway Company.		143.39											143.39	53.45	89.94
1023	Alabama Great Southern Railroad Company.	2.20	18.78	261.11		25.11								307.20		307.20
1024	Anniston and Atlantic Railroad Company.			52.36										52.36		
1025	Anniston and Cincinnati Railroad Company.			35.00										35.00		
1026	Alabama Midland Railway Company.			174.58		33.14								207.72		207.72
1027	Amoskeag Railroad Company.					10.00								10.00		
1028	Ashland Coal and Iron Railway Company.				22.06									22.06		22.06
1029	Atlanta and Florida Railroad Company.					105.00								105.00		105.00
1030	Atlanta and West Point Railroad Company.					85.61								85.61		85.61
1031	Atlantic and Western Railroad Company (of Florida).						30.00							30.00		30.00
1032	Augusta, Gibson and Sandersville Railroad Company.					80.00								80.00		
1032½	Augusta, Tallahassee and Gulf Railroad Company.					11.25								11.25		
1033	Bartow and Dublin Railroad Company.					12.00								12.00		
1034	Birmingham, Selma and New Orleans Railway Company.			21.00										21.00	20.00	1.00
1035	Birmingham, Sheffield and Tennessee River Railway Company.			100.00										100.00	5.25	100.75
1036	Birmingham Mineral Railroad Company.			156.22										156.22	2.35	153.87
1037	Blue Ridge and Atlantic Railroad Company.					20.90								20.90		
1038	Bolling Railroad Company.			15.00										15.00		
1039	Brenton Railroad and Manufacturing Company.			4.50										4.50		
1040	Brunswick and Western Railroad Company.					171.00								171.00		171.00
1041	Cahaba Coal Mining Company's Railroad.			8.10										8.10		
1042	Central Georgia Lumber Company's Railroad.					8.00								8.00		
1043	Central Railroad and Banking Company of Georgia.					317.46								317.46		317.46
1044	Augusta and Savannah Railroad Company.					53.00								53.00		
1045	Eaton Branch Railroad Company.					21.00								21.00	21.00	
1046	Mobile and Girard Railroad Company.			84.50										84.50		
1047	Montgomery and Enfauila Railway Company.			80.00										80.00		
1048	Savannah and Western Railroad Company.			253.09		174.91								428.00		
1049	Southwestern Railroad Company.					333.00								333.00		
1050	Chattanooga and Augusta Railroad Company.	1.00				0.10								1.10		
1051	Chattanooga and Lookout Mountain Railroad Company.	10.00												10.00		
1052	Chattanooga, Rome and Columbus Railroad Company.	8.00				170.00								178.00		
1053	Rome Railroad Company of Georgia.					22.00								22.00		
1054	Chattanooga Southern Railway Company.					16.00								16.00		
1055	Chattanooga Union Railway Company.	43.00												43.00		
1056	Chesapeake and Nashville Railway Company.	26.31			9.56									35.87		35.87
928	Chesapeake and Ohio Railway Company (west of Huntington, W. Va.).				145.80			8.60	0.50					155.00		155.00
1057	Chesapeake, Ohio and Southwestern Railroad Company.	120.61			230.51									351.12	6.36	344.76
1058	Chilton Lumber Company's Railroad.			6.50										6.50		
1059	Cincinnati and Green River Railway Company.				12.00									12.00	7.00	5.00
1060	Cincinnati and Southeastern Railway Company.				17.00									17.00		
1061	Cincinnati, New Orleans and Texas Pacific Railway Company. (a)															
1062	Cincinnati Southern Railway Company.	137.43			197.83				0.56					335.92		335.92
1063	Beaver Creek and Cumberland Railway Company.				6.25									6.25		

a Inserted to show proper relation of roads following.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP V—Continued.

Road number.	CORPORATIONS.	IN GROUP V.						EXTENDING INTO OTHER GROUPS.						Total miles.	RAILS.	
		Tennes- see.	Missis- sippi.	Ala- bama.	Ken- tucky.	Georgia.	Florida.	West Vir- ginia.	Ohio.	Indi- ana.	Louis- iana.	North Caro- lina.	South Caro- lina.		Iron.	Steel.
1064	Cloverport Oil and Coal Company's Railroad.				7.75									7.75		
1065	Columbus Southern Railway Com- pany.					57.00								57.00		
1066	Covington and Macon Railroad Company.					107.00								107.00		
1067	Darien Short Line Railroad Com- pany.					40.00								40.00		
1068	Decatur, Chesapeake and New Orleans Railway Company.	36.00		14.00										50.00		
1069	Dover and Statesboro Railroad Company.					10.00								10.00		10.00
1070	Dunham Lumber Company's Rail- road.			13.00										13.00		
1071	East and West Railroad Company (of Alabama).			70.00		47.00								117.00		117.00
1072	East Tennessee and Western North Carolina Railroad Com- pany.	31.00												31.00	31.00	
1073	East Tennessee, Virginia and Georgia Railway Company.	357.20	7.73	354.72		459.35								1,179.00	167.58	991.42
1074	Briarfield, Brocton and Bir- mingham Railroad Company.			31.00										31.00		
1075	Knoxville and Ohio Railroad Company.	69.30												69.30		
1076	Eastern Kentucky Railway Com- pany.				36.00									36.00	36.50	5.50
1077	Elizabethtown, Lexington and Big Sandy Railroad Company.				109.51									109.51		109.51
1078	Elkton and Guthrie Railroad Com- pany.				10.92									10.92	10.92	
1079	Empire and Dublin Railroad Com- pany.					30.00								30.00		
1080	Enochs Brothers' Railroad Com- pany.		5.00											5.00		
1081	Eppinger and Russell Logging Railway Company.						15.00							15.00		
1082	Escambia Railroad Company.			26.50										26.50	7.50	19.00
1083	Florida Central and Peninsular Railroad Company.						598.00							598.00	176.55	421.45
1084	Florida Midland Railway Com- pany.						32.00							32.00		32.00
1085	Florida Southern Railway Com- pany (including Charlotte Har- bor division).						245.51							245.51		
1086	St. John's and Lake Eustis Railway Company.						48.00							48.00		
1087	Fort Payne and Eastern Railroad Company.			11.25										11.25		11.25
1088	Gainesville and Dahhlonaga Rail- road Company.				4.00									4.00		
1089	Gainesville, Jefferson and South- ern Railroad Company.					65.00								65.00	40.00	25.00
1090	Georgia Railroad Company (a)....													303.00	63.50	239.50
1091	Georgia Railroad and Bank- ing Company.					303.00										
1092	Georgia Marble Company's Rail- road.					7.00								7.00		
1093	Georgia Midland and Gulf Rail- road Company.					90.20								90.20		90.20
1094	Georgia Southern and Florida Railroad Company.					168.00	117.00							285.00		285.00
1095	Glasgow Railroad Company.				10.50									10.50	0.63	9.87
1096	Great Eastern Railroad Company.		4.00											4.00		
1097	Gregory and Coe Lumber Com- pany's Railroad.			9.00										9.00		
1098	Gulf and Chicago Railroad Com- pany.	5.50	57.00											62.50	36.50	26.00
1099	Harriman Railway and Construc- tion Company.	3.05												3.05		
1100	Henderson Bridge Company.				0.47					9.59				10.06		10.06
1101	Huntsville, Belt Line and Monte Seno Railway Company.			8.50										8.50		8.50
1102	Illinois Central Railroad Company (line south of Ohio river). (a)															
1103	Canton, Aberdeen and Nash- ville Railroad Company.		87.89											87.89		87.89
1104	Chicago, St. Louis and New Orleans Railway Company.	127.07	409.24		42.11						87.74			666.16		666.16
1105	Yazoo and Mississippi Valley Railroad Company.		140.36											140.36	18.33	122.03
1106	Jacksonville and Atlantic Rail- road Company.						16.25							16.25		
1107	Jacksonville, Mayport, Pablo Railway and Navigation Com- pany.						20.00							20.00		
1108	Jacksonville, Tampa and Key West Railway Company.						200.00							200.00		200.00

a Inserted to show proper relation of roads following.

## STATISTICS OF TRANSPORTATION.

TABLE I.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP V—Continued.

Road number.	CORPORATIONS	IN GROUP V.						EXTENDING INTO OTHER GROUPS.						Total miles.	RAILS.	
		Tennes-see.	Missis-sippi.	Ala-bama.	Ken-tucky.	Georgia.	Florida.	West Vir-ginia.	Ohio.	Indi-ana.	Louis-i-ana.	North Caro-lina.	South Caro-lina.		Iron.	Steel.
1109	Jacksonville, St. Augustine and Halifax River Railway Com-pany.						37.03							37.03		
1110	Jupiter and Lake Worth Railroad Company.						8.00							8.00		8.00
1111	Kansas City, Memphis and Bir-mingham Railroad Company.	15.05	142.89	118.63										276.57		276.57
1112	Kentucky Central Railway Com-pany.				167.34									167.34		
1113	Maysville and Lexington Rail-road Company.				49.33									49.33		
1114	Kentucky and Indiana Bridge Company.				8.81									8.81		8.81
1115	Kentucky Midland Railway Com-pany.				40.00									40.00		40.00
1116	Kentucky and South Atlantic Railway Company.				10.44									19.44	10.00	3.44
1117	Kentucky Union Railway Com-pany.				70.00									70.00		
1118	Knoxville and Augusta Railroad Company.	16.00												16.00		
1119	Knoxville and New River Rail-road.	13.00												13.00	3.00	10.00
1120	Knoxville, Cumberland Gap and Louisville Railroad Company.	73.00												73.00		73.00
1121	Knoxville Southern Railroad Company.	58.00												58.00		
1122	Lexington Terminal Railroad Company.					3.25								3.25		
1123	Louisville and Nashville Railroad Company (line south of Ohio river).	304.03	73.83	93.38	783.55		44.35				43.14			1,342.48	112.00	1,230.30
1124	Newport and Cincinnati Bridge Company.				0.73									0.73		0.73
1125	Louisville Railway Transfer Com-pany.				4.13									4.13		4.13
1126	Louisville Southern Railroad Com-pany.				130.50									130.50		130.50
1127	Louisville, Hardensburg and West-ern Railroad Company.				45.60									45.60		
1128	Louisville, New Orleans and Texas Railway Company.	13.14	474.15								169.69			656.98		656.98
1129	Mobile and Northwestern Rail-way Company.		31.00											31.00		
1130	Louisville and Wadley Railroad Company.					10.60								10.60	10.00	
1131	Louisville, St. Louis and Texas Railway Company.				122.20									122.20		122.20
1132	Mammoth Cave Railroad Company.				8.38									8.38		8.38
1133	Marietta and North Georgia Rail-way Company.					136.52								136.52		
1134	Mary Lee Coal and Railway Com-pany.			7.25										7.25		
1135	Memphis and Charleston Railroad Company.	101.53	33.40	157.07										292.00	16.00	276.00
1136	Middle Georgia and Atlantic Rail-way Company.					18.00								18.00		
1137	Middlesburgh, Highland and Lake Butler Railroad Company.						10.00							10.00		
1138	Middlesborough Belt Railway Com-pany.				18.00									18.00		
1139	Midville, Swainsboro. and Red Bluff Railroad Company.					17.75								17.75		
1140	Miramichi Railroad Company			3.25										3.25		
1141	Mobile and Birmingham Railway Company.			146.80										146.80	54.19	92.61
1142	Mobile and Montgomery Railway Company.			178.51										178.51		178.51
1143	Mobile and Ohio Railroad Com-pany (line south of Cairo, Ill.).	119.00	306.00	61.00	41.00									527.00		527.00
1144	Mobile and Spring Hill Railroad Company.			7.50										7.50		
1145	Nashville and Decatur Railroad Company.	93.15		25.94										110.09		110.09
1146	Nashville and Knoxville Railroad Company.	48.00												48.00		48.00
1147	Nashville and Tellico Railroad Company.	25.00												25.00		
1148	Nashville, Chattanooga and St. Louis Railway Company.	591.53		50.99	6.94	2.66								652.17	127.10	525.07
1149	Nashville, Florence and Sheffield Railway Company.	74.21		17.12										91.33		91.33
1150	New Orleans and Northeastern Railroad Company.		153.06								42.48			195.54		195.54
1151	Newport News and Mississippi Valley Company. (a)															
1152	Hodgensville and Elizabeth-town Railroad Company.				11.10									11.10		11.10
1153	Short Route Railway Transfer Company.				1.52									1.52		1.52
1154	Troy and Tiptonville Railroad Company.	4.60												4.60		4.60

a Inserted to show proper relation of roads following.

## STEAM RAILROADS.

39

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP V—Continued.

Road number.	CORPORATIONS.	IN GROUP V.						EXTENDING INTO OTHER GROUPS.						Total miles.	RAILS.	
		Tennes-see.	Missis-sippi.	Ala-bama.	Ken-tucky.	Georgia.	Florida.	West Vir-ginia.	Ohio.	Indi-ana.	Louis-i-ana.	North Caro-lina.	South Caro-lina.		Iron.	Steel.
1155	Northern Division, Cumberland and Ohio Railroad Company.				20.72									20.72		
1156	Ohatchie Valley Railroad Company.			4.00										4.00		
1157	Ohio and Big Sandy Railroad Company.				48.20									48.20		
1158	Ohio Valley Railway Company.				104.15					3.98				108.13		108.13
1159	Orange Belt Railway Company.						152.80							152.80		152.80
1160	Orlando and Winter Park Rail-way Company.						6.30							6.30		0.30
1161	Osceola and Lake Jesup Railway Company.						4.70							4.70		4.70
1162	Owensboro and Nashville Railway Company.				88.40									88.49	48.99	39.50
1163	Owensboro, Falls of Rough and Green River Railroad Company.				28.00									28.00		28.00
1164	Peacock and Peterson Railroad Company.					3.00								3.00		
1165	Pensacola and Andalusia Railroad Company.						15.00							15.00		
1166	Pensacola and Atlantic Railroad Company.						160.28							160.28		160.28
1167	Pensacola and Mobile Railroad Company.			14.50			0.50							15.00		
1168	Pensacola and Mobile Railroad and Manufacturing Company.						5.50							5.50		
1169	Pensacola and Perdido Railroad Company.						9.00							9.00	4.00	5.00
1170	Proctor Coal Company's Railroad.				4.00									4.00		
1171	Reppardia and Buffalo Railroad Company.					13.00								13.00		
961	Richmond and Danville Railroad Company (line west of Atlanta, Ga.). (a)															
1172	Atlanta and Charlotte Air Line Railroad Company.					104.80						34.70	120.50	209.00		
1173	Roswell Railroad Company.					9.11								9.11	9.11	
1174	Elberton Air Line Railroad Company.					51.58								51.58	51.58	
1175	Georgia Pacific Railway Com-pany.		241.31	253.83		70.25								565.39	23.65	541.74
1176	Hartwell Railroad Company.					10.10								10.10	10.10	
1177	Lawrenceville Branch Rail-road Company.					9.61								9.61	9.61	
1178	Northeastern Railroad Com-pany of Georgia.					39.04								39.04	31.84	7.20
1179	Richmond, Nicholasville, Irvine and Beattyville Railroad Com-pany.				8.00									8.00		
1180	Rockwood and Tennessee River Railroad Company.	6.00												6.00		6.00
1181	Rogers and Summit Railroad Com-pany.					25.00								25.00		
1182	St. Augustine and Halifax River Railway Company and St. John's Railway Company.						40.00							40.00		40.00
1183	St. Augustine and North Beach Railroad Company.						5.00							5.00		
1184	St. Augustine and South Beach Railway Company.						3.50							3.50		
1185	St. Cloud Sugar Belt Railway Company.						15.40							15.40		15.40
1186	St. John's and Halifax River Rail-way Company.						52.00							52.00		52.00
1187	Salt Springs and Bowden Lithia Railroad Company.					1.37								1.37		
1188	Sandersville and Teunille Railway Company.					3.50								3.50	2.50	1.00
1189	Savannah, Americus and Mont-gomery Railway Company.					173.00								173.00		173.00
1190	Savannah, Florida and Western Railway Company.					403.54	105.46							509.00	1.50	507.50
1191	Savannah, Griffin and North Ala-bama Railroad Company.					60.00								60.00	43.88	16.12
1192	Savannah and Tybee Railroad Company.					17.70								17.70		
1193	Shelby Iron Company's Railroad.			6.05										6.05	5.02	0.13
1194	Shelby Railroad Company.				19.10									19.10	13.41	5.69
1195	Silver Springs, Ocala and Gulf Railroad Company.						51.40							51.40		51.40
1196	Smithonia and Dunlap Railroad Company.					10.00								10.00		
1197	South Florida Railroad Company.						197.04							197.04		197.04
1198	Sanford and Indian River Railroad Company.						17.32							17.32		
1199	South and North Alabama Rail-road Company.			188.67										188.67	6.30	182.37
1200	Southern Division, Cumberland and Ohio Railroad Company.				30.90									30.90		
1201	Southern Iron Company's Railroad	13.50												13.50		

a Inserted to show proper relation of roads following.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP V.—Continued.

Road number.	CORPORATIONS.	IN GROUP V.						EXTENDING INTO OTHER GROUPS.						Total miles.	RAILS.	
		Tennes-see.	Missis-sippi.	Ala-bama.	Ken-tucky.	Georgia.	Florida.	West Vir-ginia.	Ohio.	Indi-ana.	Louis-i-ana.	North Caro-lina.	South Caro-lina.		Iron.	Steel.
1202	Sullivan Mill Railroad Company...			17.50										17.50		
1203	Savanne River Railroad Company...						28.00							28.00	28.00	
1204	Sylvania Railroad Company...					15.00								15.00		
1205	Talbotton Railroad Company...					7.00								7.00	7.00	
1206	Talladega and Coosa Valley Rail-road Company.			24.90										24.90	2.00	22.90
1207	Tavares and Gulf Railroad Com-pany.						28.00							28.00		
1208	Tavares, Orlando and Atlantic Railroad Company.						33.20							33.20		
1209	Tennessee Central Railroad Com-pany.	12.00												12.00		
1210	Tennessee, Dayton and Pike-ville Railroad Company.	7.25												7.25		
1211	Tennessee Midland Railroad Com-pany.	133.60												133.60		133.60
1212	Tuskegee Railroad Company...			5.50										5.50	5.00	0.50
1213	Union Point and White Plains Railroad Company.					12.00								12.00	12.00	
1214	Upson County Railroad Company.					16.20								16.20	16.20	
1215	Wadley and Mount Vernon Rail-road Company.					30.00								30.00		
1216	Waycross Air Line Railroad Com-pany.					20.00								20.00		
1217	Western and Atlantic Railroad Company.	17.00				121.00								138.00		138.00
1218	Western Railway Company of Alabama.			131.61		0.40								132.01		132.01
1219	Western Railway Company of Florida.						23.00							23.00		
1220	Green Cove and Midland Rail-way Company.						10.00							10.00		
1221	Willingham, Black Lake and Isa-bella Railroad Company.					6.00								6.00		
1222	Wrightsville and Tennille Rail-road Company.					35.50								35.50		
1223	Yellow River Railroad Company...						15.00							15.00		

## GROUP VI.

Road number.	CORPORATIONS.	IN GROUP VI.								EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Illinois.	Iowa.	Part of Mis-souri.	Wiscon-sin.	Minne-sota.	Part of North Dakota.	Part of South Dakota.	Part of Mich-igan.	Ne-bras-ka.	Indi-ana.		Iron.	Steel.
	Total.....	9,315.12	8,592.24	2,587.00	5,639.88	5,379.50	2,003.79	2,296.67	1,288.77	26.95	332.02	37,463.44		
1224	Abbotsford and Northeastern Railroad Company.				15.16							15.16	15.16	
1225	Atchison, Topeka and Santa Fé Rail-road Company (line east of Kansas city, Mo.) (a)													
1226	Atchison, Topeka and Santa Fé Railroad Company (in Chicago).	2.12										2.12		
1227	Chicago, Santa Fé and California Railway Company.	277.79	19.76	193.42								490.97		
1228	Mississippi River Railroad and Toll Bridge Company.	0.51	0.10									0.61		
1229	St. Joseph, St. Louis and Santa Fé Railway Company.			97.20								97.20		
1230	Sibley Bridge Company.....			0.76								0.76		
1231	Belt Railway Company of Chicago (b)													
1232	Black Hills and Fort Pierre Railroad Company.							25.50				25.50	2.50	23.00
1233	Burlington and Northwestern Railway Company.		38.77									38.77	36.89	2.38
1234	Burlington and Western Railway Com-pany.		70.70									70.70	70.70	
1235	Burlington, Cedar Rapids and Northern Railway Company.		414.65									414.65		
1236	Cedar Rapids and Clinton Railway Company.		81.94									81.94		81.94
1237	Cedar Rapids, Iowa Falls and North-western Railway Company.		275.20			71.24		82.76				429.20	0.08	428.22
1238	Chicago, Decorah and Minnesota Railway Company.		23.30									23.30		23.30
1239	Iowa City and Western Railroad Company.		73.02									73.02	16.20	56.82
1240	Waverly Short Line Railway Com-pany.		5.68									5.68		5.68
1241	Cady Mills Railway Company.....				8.00							8.00		
1242	Calumet and Blue Island Railway Com-pany.	23.00										23.00		23.00
1243	Cedar Rapids and Marion Railway Com-pany.		6.00									6.00		

a Inserted to show proper relation of roads following.

b No single track line reported

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**GROUP VI—Continued.**

Road number.	CORPORATIONS.	IN GROUP VI.								EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Illinois.	Iowa.	Part of Missouri.	Wisconsin.	Minnesota.	Part of North Dakota.	Part of South Dakota.	Part of Michigan.	Nebraska.	Indiana.		Iron.	Steel.
1244	Centerville, Moravia and Albia Railway Company.		24.10									24.10		
1245	Centralia and Chester Railroad Company.	8.50										8.50		8.50
1246	Cherry Valley Railroad Company.			6.00								6.00	3.00	3.00
1247	Chicago and Alton Railroad Company.	548.80										548.80	5.90	542.90
1248	Joliet and Chicago Railroad Company.	37.20										37.20		37.20
1249	Kansas City, St. Louis and Chicago Railroad Company (east of Missouri river).			55.48								55.48		55.48
1250	Louisiana and Missouri River Railroad Company.			100.80								100.80		100.80
1251	Chicago and Calumet Terminal Railway Company.	31.00									1.00	32.00		32.00
1252	Chicago and Eastern Illinois Railway Company.	180.08										180.08	11.36	168.72
1253	Chicago and Indiana Coal Railway Company.										171.38	171.38		171.38
1254	Evansville, Terre Haute and Chicago Railway Company.	5.48									43.04	48.52		48.52
1255	Indiana Block Coal Railroad Company.										12.62	12.62		12.62
1256	Chicago and Iowa Railroad Company.	80.00										80.00		80.00
1257	Chicago, Rockford and Northern Railroad Company.	24.00										24.00		
1258	Chicago and Kenosha Railway Company.	3.68										3.68		3.68
1259	Chicago and Northwestern Railway Company.	570.69	1,163.12		946.55				381.55			2,061.91	300.41	2,761.50
1260	Dakota Central Railway Company.						14.28	709.65				723.93		
1261	Princeton and Western Railway Company.				16.06							16.06		
1262	Winona and St. Peter Railroad Company.					414.00		34.48				448.48		
1263	Chicago and Ohio River Railroad Company.	86.00										86.00	86.00	
1264	Chicago and Southeastern Railway Company.	12.99										12.99		12.99
1265	Chicago and Western Indiana Railroad Company.	48.58										48.58		48.58
1266	Chicago, Burlington and Kansas City Railway Company.		77.53	103.46								180.99	92.21	88.78
1267	Chicago, Burlington and Northern Railroad Company (of Wisconsin and Minnesota).				223.37	24.10						247.47		247.47
1268	Chicago, Burlington and Northern Railroad Company (of Illinois).	93.57	0.53									94.10		
1269	Chicago, Burlington and Quincy Railroad Company (line east of Missouri River).	1,030.47	985.02	1.88								2,017.37		
1270	Quincy, Alton and St. Louis Railroad Company.	46.36										46.36		
1271	Chicago, Fairchild and Eau Claire River Railroad Company.				16.00							16.00	16.00	
1272	Chicago, Fort Madison and Des Moines Railway Company.		45.00									45.00	41.50	3.50
1273	Chicago, Iowa and Dakota Railway Company.		26.50									26.50		26.50
1274	Chicago, Kansas City and Texas Railway Company.			20.20								20.20		20.20
1275	Chicago, Milwaukee and St. Paul Railway Company.	918.08	1,553.27	140.27	1,291.00	1,120.09	118.21	1,096.82				5,037.74	1,562.97	4,074.77
1276	Chicago, Rock Island and Pacific Railway Company (east of Missouri river).	189.70	760.70	231.50								1,181.90	121.72	1,060.18
1277	Des Moines and Fort Dodge Railroad Company.		138.30									138.30	38.50	99.80
1278	Keokuk and Des Moines Railway Company.		162.20									162.20	40.00	122.20
1279	Peoria and Bureau Valley Railroad Company.	46.70										46.70		46.70
1280	Chicago, St. Paul and Kansas City Railway Company.	146.73	465.43	61.46		142.05						815.67	29.33	786.34
1281	Chicago, St. Paul, Minneapolis and Omaha Railway Company (east of Missouri river).		78.61		542.84	304.75		88.20				1,069.40	180.59	888.81
1282	Eau Claire Railway Company.				2.74							2.74		
1283	Superior Short Line Railway Company.				8.28							8.28		
1284	Superior Short Line Railway Company of Minnesota.					2.60						2.60		
1285	Chippewa River and Menomonee Railway Company.				12.50							12.50		12.50
708	Cleveland, Cincinnati, Chicago and St. Louis Railway Company (west of Terre Haute, Ind.).	267.00										267.00		267.00
1286	Cleveland, St. Louis and Kansas City Railway Company.			17.00								17.00		17.00
1287	Crescent Springs Railroad Company.				8.00							8.00		
1288	Crooked Creek Railroad and Coal Company.		9.70									9.70	6.00	3.70
1289	Webster City and Southwestern Railroad Company.		13.57									13.57		

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP VI—Continued.

Road number.	CORPORATIONS.	IN GROUP VI.								EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Illinois.	Iowa.	Part of Missouri.	Wisconsin.	Minnesota.	Part of North Dakota.	Part of South Dakota.	Part of Michigan.	Nebraska.	Indiana.		Iron.	Steel.
1290	De Pue, Ladd and Eastern Railroad Company.	3.50										3.50		
1291	Des Moines and Kansas City Railway Company.		100.00	12.00								112.00	43.00	69.00
1292	Des Moines and Northern Railway Company.		41.61									41.61		41.61
1293	Des Moines and Northwestern Railway Company.		114.00									114.00	59.60	54.40
1294	Dubuque and Sioux City Railroad Company.		497.66			11.40	14.95					524.01		524.01
1295	Duluth and Iron Range Railroad Company.					127.05						127.05		127.05
1296	Duluth and Winnipeg Railroad Company.					70.00						70.00		70.00
1297	Duluth Belt Line Railway Company.					3.00						3.00		3.00
1298	Duluth, Red Wing and Southern Railway Company.					24.63						24.63		24.63
1299	Duluth, South Shore and Atlantic Railway Company.				67.98				318.43			386.41	5.40	380.05
1300	Marquette, Houghton and Ontonagon Railroad Company.								136.21			136.21		
1301	Marquette and Western Railroad Company.								20.83			20.83		
1302	Duluth Terminal Railway Company.					1.78						1.78		1.73
1303	East St. Louis Connecting Railway Company.	1.80										1.80		1.80
1304	Eastern Railway Company of Minnesota.				21.00	50.20						71.20		71.20
1305	East St. Louis and Carondelet Railway Company.	12.01										12.01	6.25	5.76
1306	Electric City and Illinois Railway Company.	3.00										3.00		
1307	Elgin, Joliet and Eastern Railway Company.	81.32									21.80	102.02		102.02
1308	Gardner, Coal City and Northern Railway Company.	33.41										33.41		33.41
1309	Waukegon and Southwestern Railway Company.	35.00										35.00		35.00
1310	Fairchild and Eau Claire River Railroad Company.				22.00							22.00		
1311	Fulton County Narrow Gauge Railway Company.	31.00										31.00	31.00	
1312	Fulton County Extension Railway Company.	30.00										30.00		
1313	Grand Tower and Cape Girardeau Railroad Company.	28.80										28.80		28.80
1314	Grand Tower and Carbondale Railroad Company.	26.20										26.20	3.00	23.20
1315	Great Northern Railway Company (line east of Minot, N. D.). (a)													
1316	Kettle River Railway Company.					4.00						4.00		
1317	St. Paul, Minneapolis and Manitoba Railway Company (line east of Minot, N. D.).					1,258.93	853.77	99.25				2,211.95		
1318	Duluth, Watertown and Pacific Railway Company.							69.84				69.84		69.84
1319	Willmar and Sioux Falls Railway Company.					122.60		24.81				140.91		140.01
1320	Green Bay, Winona and St. Paul Railway Company.				215.80							215.80	130.80	85.00
1321	Green Bay, Stevens Point and Northern Railroad Company.				6.00							6.00		
1322	Goodyear, Neillsville and Northern Railroad Company.				10.00							10.00	10.00	
1323	Hadfield Coal Company's Railroad.				2.50							2.50		
1324	Hannibal and St. Joseph Railroad Company.			292.78								292.78		292.78
1325	Quincy Railroad Bridge Company.	1.30		0.13								1.43		1.43
1326	Hermansville and Western Railroad Company.								10.40			10.40		
1327	Hopkins Railway Company.	3.00										3.00		
1328	Humeston and Shenandoah Railroad Company.		95.45									95.45	87.59	7.86
740	Indianapolis, Decatur and Western Railway Company (line in Illinois).	75.76										75.76	2.00	73.76
1329	Ingalls, White Rapids and Northern Railroad Company.	28.00										28.00		
1102	Illinois Central Railroad Company (north of Cairo, Ill.).	705.50										705.50	0.13	705.37
1330	Chicago and Springfield Railway Company.	111.47										111.47	0.32	111.15
1331	Chicago, Havana and Western Railroad Company.	131.62										131.62	58.77	72.85
1332	Chicago, Madison and Northern Railway Company.	130.83			91.31							222.14		222.14
1333	Kankakee and Southwestern Railroad Company.	131.28										131.28	50.57	71.69
1334	Rantoul Railroad Company.	66.21										66.21		
1335	South Chicago Railroad Company.	4.76									8.22	74.43	24.30	50.13
1336	Cedar Falls and Minnesota Railroad Company.		75.58									75.58		75.58

a Inserted to show proper relation of roads following.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP VI—Continued.

Road number.	CORPORATIONS.	IN GROUP VI.							EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.		
		Illinois.	Iowa.	Part of Mis-souri.	Wiscon-sin.	Minne-sota.	Part of North Dakota.	Part of South Dakota.	Part of Mich-igan.	Ne-bras-ka.		In-diana.	Iron.	Steel.
1337	Iowa Central Railway Company.....	88.66	414.37									503.03		
1338	Keithsburg Bridge Company.....	1.10	1.47									2.57		
1339	Peoria Terminal Railway Company.....	1.00										1.00		
1340	Iowa Northern Railway Company.....		5.93									5.93	4.93	1.00
1341	Jacksonville Southeastern Railway Company.....	134.30										134.30		
1342	Chicago, Peoria and St. Louis Rail-way Company.....	120.00										120.00		
1343	Litchfield, Carrollton and Western Railroad Company.....	51.05										51.05		
1344	Joliet and Blue Island Railway Company.....	17.00										17.00		17.00
1345	Kansas City, St. Joseph and Council Bluffs Railroad Company.....		60.47	254.01								315.08	35.82	279.26
1346	Kankakee and Secaca Railroad Company.....	42.08										42.08	1.90	40.18
1347	Keokuk and Hamilton Bridge Company.....	1.00	1.00									2.00		2.00
1348	Keokuk and Western Railroad Company.....		70.58	72.12								142.70	0.45	136.25
1123	Louisville and Nashville Railroad Com-pany (north of Ohio river).....	179.07									28.33	208.00	45.00	163.00
1349	Mannville and Eau Pleine Railroad Com-pany.....				3.50							3.50		
1350	Mason City and Fort Dodge Railroad Company.....		92.00									92.00	3.60	88.40
1351	Menomonic Railroad Company.....				5.02							5.02	4.56	0.46
1352	Milwaukee and Northern Railroad Com-pany.....				242.50				60.75			303.25		303.25
1353	Oconto and Southwestern Railway Company.....				12.00							12.00		
1354	Milwaukee, Bay View and Chicago Railway Company.....				10.51							10.51		10.51
1355	Milwaukee, Lake Shore and Western Railway Company.....				545.92				103.50			649.51	43.53	605.98
1356	St. Paul Eastern Grand Trunk Railway Company.....				60.00							60.09		60.09
1357	Milwaukee, Menomonic Falls and West-ern Railway Company.....				11.60							11.60		11.60
1358	Minneapolis and St. Louis Railway Com-pany.....		130.90			228.20						368.10		
1359	Minneapolis Eastern Railway Company.....					3.20						3.20		3.20
1360	Minneapolis, St. Paul and Sault Ste. Marie Railway Company.....				266.85	229.33	99.13		192.01			787.32		787.32
1361	Minneapolis Union Railway Company.....					2.46						2.46		2.46
1143	Mobile and Ohio Railroad Company (line north of Cairo, Ill.) (a)													
1362	St. Louis and Cairo Railroad Com-pany.....	160.60										160.60		160.60
1363	Naubinway Logging Railway Company.....								12.00			12.00		
1364	Northern Pacific Railroad Company (line east of Montana).....				84.40	191.50	425.80					701.70	5.26	696.44
1365	Duluth and Manitoba Railroad Company.....					110.00	96.75					206.75		206.75
1366	Duluth, Crookston and Northern Railroad Company.....					22.80						22.80		
1367	Fargo and Southwestern Railroad Company.....						87.40					87.40	57.40	30.00
1368	James River Valley Railroad Com-pany.....						64.20					64.20		64.20
1369	Jamestown and Northern Railway Company.....						102.50					102.50	14.70	87.80
1370	Jamestown and Northern Exten-sion Railway Company.....						18.00					18.00		
1371	Little Falls and Dakota Railroad Company.....					87.80						87.80		87.80
1372	Northern Pacific, Fergus and Black Hills Railroad Company.....					75.00	42.10					117.10		117.10
1373	Northern Pacific, La Moure and Missouri Railroad Company.....						21.30					21.30		
1374	St. Paul and Northern Pacific Railway Company.....					183.86						183.86		183.86
1375	Sanborn, Cooperstown and Turtle Mountain Railroad Company.....						36.50					36.50	34.00	1.60
1376	Southeastern Dakota Railroad Com-pany.....						8.90					8.90		
1377	Wisconsin Central Company.....				233.37							233.37		
1378	Chicago and Northern Pacific Railway Company.....	18.07										18.07		18.07
1379	Chicago, Wisconsin and Minne-sota Railroad Company.....	49.36			71.08							120.36		
1380	Wisconsin Central Railroad Com-pany.....				384.97							384.97		
1381	Milwaukee and Lake Winne-bago Railroad Company.....				65.72							65.72	1.81	63.91
1382	Packwaukee and Montello Rail-road Company.....				7.83							7.83	7.83	
808	Ohio and Mississippi Railway Com-pany (line west of Vincennes, Ind.).....	375.52										375.52	104.87	270.05
1383	Omaha and St. Louis Railway Company.....		67.00	78.00								145.00		145.00
1384	Ontonagon and Brule River Railroad Company.....								46.00			46.00	46.00	
1385	Ottumwa and Kirkville Railway Com-pany.....		3.33									3.33	0.23	3.10
1386	Pawnee Railroad Company.....	4.11										4.11	4.11	

a Inserted to show proper relation of roads following.



## STATISTICS OF TRANSPORTATION.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP VI—Continued.

Road number.	CORPORATIONS.	IN GROUP VI.								EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Illinois.	Iowa.	Part of Missouri.	Wisconsin.	Minnesota.	Part of North Dakota.	Part of South Dakota.	Part of Michigan.	Nebraska.	Indiana.		Iron.	Steel.
837	Peoria and Eastern Railway Company (line west of Danville, Ill.).	122.50										122.50		122.50
1387	Peoria, Decatur and Evansville Railway Company.	195.55									37.73	233.28	18.09	215.19
1388	Peninsular, Deer Park and Southern Railroad Company.								7.00			7.00		
1389	Peoria and Pekin Union Railroad Company.	18.00										18.00		
1390	Prairie du Chien and McGregor Railway Company.		0.25		1.75							2.00		2.00
1391	Quincy, Omaha and Kansas City Railway Company.			134.51								134.51		
1392	Rock Island and Peoria Railway Company.	113.00										113.00		113.00
1393	Rockport, Langdon and Northern Railroad Company.			6.00								6.00		6.00
1394	St. Joseph Terminal Railroad Company.			7.92								7.92		7.92
1395	St. Joseph Union Depot Company.			1.26								1.26		
1396	St. Louis, Alton and Springfield Railroad Company.	83.00										83.00	70.00	13.00
1397	Alton Terminal Railway Company.	3.00										3.00		
1398	St. Louis, Alton and Terre Haute Railway Company.	198.40									9.00	207.40		207.40
1399	Bellefonte and Carondelet Railway Company.	17.30										17.30		17.30
1400	Bellefonte and Eldorado Railroad Company.	50.20										50.20	50.20	
1401	Bellefonte and Southern Illinois Railroad Company.	56.40										56.40		56.40
1401½	Chicago, St. Louis and Paducah Railroad Company.	53.50										53.50		53.50
1402	St. Louis Southern Railway Company.	33.00										33.00		
1403	Carbondale and Shawneetown Railway Company.	17.50										17.50		
1404	St. Louis and Chicago Railway Company.	43.50										43.50		43.50
1405	St. Louis and Hannibal Railroad Company.			84.25								84.25		
1406	St. Louis and Peoria Railroad Company.	14.00										14.00		
1407	St. Louis, Keokuk and Northwestern Railway Company.		51.08	125.49								176.57	40.10	136.47
1408	St. Paul and Duluth Railroad Company.					101.50						101.50		101.50
1409	Duluth Short Line Railway Company.				1.04	15.81						17.75		17.75
1410	St. Cloud, Grantsburg and Ashland Railroad Company.				12.00							12.00	12.00	
1411	Stillwater and St. Paul Railway Company.					12.50						12.50		12.50
1412	Taylor's Falls and Lake Superior Railroad Company.					20.50						20.50	20.50	
1413	St. Paul Union Depot Company.					5.63						5.63		5.63
1414	Sault Ste. Marie and Southwestern Railway Company.				37.00							37.00		37.00
1415	Sioux City and Northern Railway Company.		77.60			11.00		8.00				96.60		96.60
1416	Sioux City and Pacific Railroad Company.		80.47							20.95		107.42	0.80	106.62
1417	Sioux Falls Terminal Railroad Company.							7.01				7.01		7.01
1418	Sioux Falls, Yankton and Southwestern Railway Company.							4.50				4.50		
1419	Taber and Northern Railroad Company.		8.79									8.79		
851	Terre Haute and Indianapolis Railroad Company (line in Illinois). (a)													
1420	St. Louis, Vandalia and Terre Haute Railway Company.	158.30										158.30		158.30
1421	Terre Haute and Peoria Railroad Company.	144.75										144.75		144.75
1422	Toledo, Peoria and Western Railroad Company.	230.10										230.10	21.64	208.46
1423	Union Stock Yards and Transit Company.	50.00										50.00		
882	Wabash Railroad Company (line west of Danville, Ill.).	659.60	43.20	387.00								1,090.70		
1424	Boone County and Booneville Railway Company.			21.80								21.80		
1425	Brunswick and Chillicothe Railroad Company.			38.30								38.30		38.30
1426	Champaign and Skidney Railroad Company.	11.70										11.70		
1427	Des Moines and St. Louis Railroad Company.		43.40									43.40		
1428	St. Louis, Council Bluffs and Omaha Railroad Company.			41.40								41.40		41.40
1429	Wabash, Chester and Western Railroad Company.	42.26										42.26	14.83	27.43

(a) Inserted to show proper relation of roads following.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP VI—Continued.

Road number.	CORPORATIONS.	IN GROUP VI.							EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Illinois.	Iowa.	Part of Missouri.	Wisconsin.	Minnesota.	Part of North Dakota.	Part of South Dakota.	Part of Michigan.	Nebraska.	Indiana.	Iron.	Steel.
1430	Watertown and Lake Campeska Railroad Company.							5.65				5.65	
1431	Wildwood Logging Branch Railroad Company.				7.00							7.00	
1432	Winona and Southwestern Railroad Company.					30.00						30.00	30.00
1433	Wisconsin, Minnesota and Pacific Railway Company.					175.00		40.70				216.60	216.60
1434	Wisconsin, Pittsville and Superior Railway Company.				20.29							20.29	
1435	Milwaukee, Dexterville and Northern Railway Company.				15.00							15.00	
1436	Wood County Railroad Company				12.50							12.50	

## GROUP VII.

Road number.	CORPORATIONS.	IN GROUP VII.					EXTENDING INTO OTHER GROUPS.					Total miles.	RAILS.	
		Montana.	Wyoming.	Part of South Dakota.	Nebraska.	Part of Colorado.	Idaho.	Iowa.	Kansas.	Missouri.	Utah.		Iron.	Steel.
	Total .....	1,997.24	724.40	174.27	4,861.02	489.83	83.00	10.05	467.79	0.16	70.17	8,886.93		
1437	Carbon Cutoff Railroad Company		19.17									19.17		19.17
1259	Chicago and Northwestern Railway Company (a)													
1438	Fremont, Elkhorn and Missouri Valley Railroad Company.			122.09	983.91							1,106.00	40.66	1,065.44
1439	Wyoming Central Railway Company		130.46									130.46		130.46
1269	Chicago, Burlington and Quincy Railroad Company (line west of Missouri river).		58.89	48.88	2,214.01	360.95		4.99	259.15	8.98		2,955.82	486.59	2,469.23
1281	Chicago, St. Paul, Minneapolis and Omaha Railway Company (line west of Missouri river).				240.18			0.94				241.12	34.80	206.32
1440	Deadwood Central Railroad Company			3.30								3.30		
1441	Great Falls and Canada Railway Company	65.00										65.00		
1315	Great Northern Railway Company (line west of Minot, N. D.). (a)													
1317	St. Paul, Minneapolis and Manitoba Railway Company (west of Minot, N. D.).	562.72										562.72		
1442	Kansas City and Omaha Railroad Company				193.69							193.69		193.69
1443	Kearney and Black Hills Railway Company				8.00							8.00		
1444	Laramie, North Park and Pacific Railroad and Telegraph Company.		13.19									13.19	13.19	
1534	Missouri Pacific Railway Company (a)													
1445	Pacific Railway Company (in Nebraska)				71.00				2.00			73.00		73.00
1446	Montana Central Railway Company	192.54										192.54	0.14	192.40
1447	Montana Union Railway Company (a)													
1448	Montana Railway Company	14.83										14.83		14.83
1449	Nebraska and Western Railway Company				129.00							129.00		
1364	Northern Pacific Railroad Company (in Montana and Idaho.).	786.20					83.00					869.20		869.20
1450	Helena and Jefferson County Railroad Company	20.10										20.10	16.10	4.00
1451	Helena and Red Mountain Railroad Company	16.70										16.70		16.70
1452	Northern Pacific and Montana Railroad Company	240.70										240.70		240.70
1453	Rocky Fork and Cook City Railroad Company	46.75										46.75		
1454	Rocky Mountain Railroad Company of Montana	51.70										51.70	44.20	7.50
1455	Omaha and Republican Valley Railroad Company				414.45				67.60			482.05	284.20	197.85
1456	Randolph and Northeastern Nebraska Railway Association.				21.00							21.00		
1457	St. Joseph and Grand Island Railroad Company				113.30				139.04	0.18		252.52		252.52
1458	Union Pacific Railway Company (north of Kansas)		502.72		472.48	101.91		4.12			70.17	1,151.40	3.11	1,148.29
1459	Denver and Boulder Valley Railroad Company					26.97						26.97	26.97	

a Inserted to show proper relation of roads following.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP VIII.

Road number.	CORPORATIONS.	IN GROUP VIII.								EXTENDING INTO OTHER GROUPS.				Total miles.	RAILS.	
		Part of Colorado.	Indian territory.	Kansas.	Part of Missouri.	Arkansas.	Part of New Mexico.	Part of Texas.	Oklahoma.	Tennessee.	Nebraska.	Louisiana.	Wyoming.		Iron.	Steel.
	Total.....	3,670.26	346.20	8,338.66	3,289.70	2,204.81	918.55	235.83	167.90	2.56	412.38	35.80	125.14	20,348.70		
1460	Arkansas and Louisiana Railway Company.					26.00								26.00	13.00	13.00
1461	Arkansas Central Railway Company.					8.00								8.00		
1462	Arkansas Midland Railroad Company.					48.70								48.70		
1463	Aspen and Western Railroad Company.	13.00												13.00		
1225	Atchison, Topeka and Santa Fe Railroad Company (line west of Kansas city, Mo.).			470.58										470.58		470.58
1464	Denver and Santa Fe Railroad Company.	126.03												126.03		
1465	Florence, Eldorado and Walnut Valley Railroad Company.			72.73										72.73		
1466	Kansas City, Emporia and Southern Railway Company.			81.27										81.27		
1467	Kansas City, Topeka and Western Railroad Company.			64.82	1.50									66.32		
1468	Leavenworth Northern and Southern Railway Company.			46.19										46.19		
1469	Marion and McPherson Railway Company.			98.61										98.61		
1470	New Mexican Railroad Company.					68.11								68.11		
1471	New Mexican and Southern Pacific Railroad Company.					372.09								372.09		
1472	Pueblo and Arkansas Valley Railroad Company.	294.16												294.16		
1473	Rio Grande and El Paso Railroad Company.							20.15						20.15		
1474	Rio Grande, Mexico and Pacific Railroad Company.					186.08								186.08		
1475	Silver City, Deming and Pacific Railroad Company.					48.29								48.29		
1476	Southern Kansas Railway Company.		155.56	575.16					110.80					841.52		
1477	Southern Kansas Railway Company of Texas.							100.41						100.41		
1478	Wichita and Southwestern Railway Company.			130.72										130.72		
1479	Atlantic and Pacific Railroad Company (Central Division).		112.05											112.05	27.78	84.27
1480	Bentonville Railroad Company.					5.38								5.38	4.98	1.00
1481	Brinkley, Helena and Indian Bay Railroad Company.					23.50								23.50	10.00	13.50
1482	Burnham Branch Railroad Company.					9.00								9.00		
1483	Cache Valley Railroad Company.				8.00									8.00		
1484	Cape Girardeau Southwestern Railway Company of Missouri.				95.78									95.78	25.00	70.78
1485	Brownwood and Northwestern Railway Company.				8.60									8.60		8.60
1486	Central Branch Union Pacific Railroad Company.			100.00										100.00		100.00
1487	Atchison, Colorado and Pacific Railroad Company.			254.03										254.03	154.03	100.00
1488	Atchison, Jewell County and Western Railroad Company.			34.00										34.00		34.00
1489	Chicago, Kansas and Western Railroad Company.			940.93										940.93	7.66	933.27
1276	Chicago, Rock Island and Pacific Railway Company (line west of Missouri river).			8.90										8.90	2.00	1.00
1490	Chicago, Kansas and Nebraska Railway Company.	167.25	65.03	1,055.58					57.16		141.28			1,486.30		1,486.30
1491	Choctaw Coal and Railway Company.		39.80											39.80		
1492	Colorado Eastern Railway Company.	17.00												17.00	15.80	1.20
1493	Colorado Midland Railway Company.	304.90												304.90		304.90
1494	Aspen Short Line Railway Company.	6.60												6.60		
1495	Crystal Railway Company.				3.50									3.50		3.50
1496	Current River Railroad Company.				81.05									81.05		81.05
1497	Dardenelle and Russellville Railway Company.					4.50								4.50		
1498	Denison and Washita Valley Railway Company.		9.74											9.74		9.74
1499	Denver, Leadville and Gunnison Railway Company.	324.03												324.03	76.36	247.67
1500	Denver and Rio Grande Railroad Company.	1,396.42				160.68								1,557.10	214.47	1,342.63
1501	Denver Resort Railroad and Telegraph Company.	14.00												14.00		
1502	Dodge City, Montezuma and Trinidad Railway Company.			26.40										26.40		26.40
1503	Eureka Springs Railway Company of Missouri and Arkansas.				8.00	10.50								18.50		18.50

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP VIII—Continued.

Road number.	CORPORATIONS.	IN GROUP VIII.								EXTENDING INTO OTHER GROUPS.				Total miles.	RAILS.	
		Part of Colorado.	Indian territory.	Kansas.	Part of Missouri.	Arkansas.	Part of New Mexico.	Part of Texas.	Oklahoma.	Tennessee.	Nebraska.	Louisiana.	Wyoming.		Iron.	Steel.
1504	Fort Scott and Eastern Railway Company.			4.95	21.32									26.27		
1505	Fort Smith, Paris and Dardanelle Railroad Company.					5.00								5.00		
1506	Fort Worth and Rio Grande Railway Company.							90.92						90.92		90.92
1507	Gifford Lumber Mills Logging Railroad Company.					8.00								8.00		
1508	Hannibal Union Depot Company.				0.93									0.93		
1509	Hot Springs Railroad Company.					22.29								22.29		
1510	Hutchinson and Southern Railroad Company.			32.00										32.00		32.00
1511	Junction City and Fort Kearney Railway Company.			87.80										87.80	40.40	38.40
1512	Kansas Central Railroad Company.			165.05										165.05	165.05	
1513	Kansas City and Southern Railway Company.				115.00									115.00		115.00
1514	Kansas City Belt Railway Company.			2.83	7.04									9.87		9.87
1515	Kansas City Bridge and Railway Company.				3.56									3.56		3.56
1516	Kansas City, Clinton and Springfield Railway Company.			23.11	151.01									174.12	19.63	154.49
1517	Kansas City, Fort Scott and Memphis Railroad Company.			256.94	270.48	141.27				1.01				670.60	75.95	594.65
1518	Kansas City, Fort Smith and Southern Railway Company.				34.10									34.10		34.10
1249	Kansas City, St. Louis and Chicago Railroad Company (line west of Missouri river).				100.34									100.34		
1519	Kansas City Suburban Belt Railway Company.				3.00									3.00		
1520	Kansas City, Wyandotte and Northwestern Railroad Company.			144.40										144.40		144.40
1521	Kansas City and Beatrice Railroad Company.										20.10			20.10		
1522	Lawrence and Emporia Railway Company.			30.64										30.64		30.64
1523	Kearney and Sheridan Railway Company.					5.00								5.00		
1524	Leavenworth and St. Joseph Railway Company.				23.00									23.00		
1525	Leavenworth, Topeka and Southwestern Railway Company.			46.57										46.57	45.81	1.26
1526	Little Rock Cliff Railway Company.	3.00												3.00		
1527	Little Rock and Memphis Railroad Company.					130.60				0.65				131.25	46.25	85.00
1528	Lutherville and Colony Mountain Railroad Company.					3.00								3.00		
1529	Manhattan, Alma and Burlingame Railway Company.			56.62										56.62	54.15	2.47
1530	Mississippi River and Bonne Terre Railway Company.				31.67									31.67		31.67
1531	Mississippi River and Northwestern Railway Company.					8.00								8.00		
1532	Missouri, Kansas and Texas Railway Company (line north of Denison, Tex.).		256.82	250.65	287.80			7.41						802.68		
1533	Kansas City and Pacific Railroad Company.			125.00										125.00		125.00
1534	Missouri Pacific Railway Company.			175.00	662.00						238.00			1,075.00	47.00	1,028.00
1535	Boonville, St. Louis and Southern Railway Company.				45.00									45.00		
1536	Council Grove, Osage City and Ottawa Railway Company.			70.00										70.00		70.00
1537	Council Grove, Smoky Valley and Western Railway Company.			27.00										27.00		27.00
1538	Denver, Memphis and Atlantic Railway Company.			411.00										411.00		411.00
1539	Fort Scott, Wichita and Western Railway Company.			310.00										310.00		310.00
1540	Grouse Creek Railway Company.			25.00										25.00		25.00
1541	Interstate Railroad Company.			37.65	15.61									53.26		53.26
1542	Kanapolis and Kansas Central Railway Company.			14.00										14.00		14.00
1543	Kansas and Colorado Railroad Company.			136.00										136.00		136.00
1544	Kansas City and Southwestern Railway Company of Kansas.			27.50										27.50		27.50
1545	Kansas City and Southwestern Railway Company of Missouri.				20.50									20.50		20.50
1546	Kansas City, Nebraska and Dakota Railway Company.			130.00										130.00		130.00
1547	Kansas Southwestern Railway Company.			25.00										25.00		25.00
1548	Leroy and Caney Valley Railroad Company.			52.00										52.00		52.00
1549	Missouri Pacific Railway Company in Kansas.			19.00										19.00		19.00

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP VIII—Continued.

Road number.	CORPORATIONS.	IN GROUP VIII.								EXTENDING INTO OTHER GROUPS.				Total miles.	RAILS.	
		Part of Colorado.	Indian territory.	Kansas.	Part of Missouri.	Arkansas.	Part of New Mexico.	Part of Texas.	Oklahoma.	Tennessee.	Nebraska.	Louisiana.	Wyoming.		Iron.	Steel.
1550	Missouri Pacific Railway Company—Continued.													74.00		
	Nevada and Minden Railway Company.			42.00	32.00											
1551	Omaha Belt Railway Company.										13.00			13.00		
1552	Pueblo and State Line Railroad Company.	151.00												151.00		151.00
1553	Rooks County Railroad Company.			18.00										18.00		18.00
1554	St. Louis and Emporia Railroad Company.			48.17										48.17		48.17
1555	St. Louis, Oak Hill and Carondelet Railway Company.				6.00									6.00		6.00
1556	Salina, Sterling and El Paso Railroad Company.			40.00										40.00		40.00
1557	Topeka, Salina and Western Railroad Company.			52.00										52.00		52.00
1558	Verdigris Valley, Independence and Western Railroad Company.			80.62										80.62		80.62
1559	Wichita and Colorado Railway Company.			47.00										47.00	7.00	40.00
1560	Little Rock and Fort Smith Railway Company.					169.00								169.00	81.00	88.00
1561	Little Rock Junction Railway Company.					0.90								0.90		
1562	Sedalia, Warsaw and Southern Railway Company.				42.00									42.00	42.00	
1563	Missouri Southern Railroad Company.				14.00									14.00		14.00
1564	Pacific and Great Eastern Railway Company.					7.33								7.33		7.33
1565	Paragould and Buffalo Island Railway Company.					9.50								9.50		9.50
1566	Pine Bluff, Monroe and New Orleans Railroad Company.					26.50								26.50		
1567	Rio Grande Junction Railway Company.	29.90												29.90		
1568	St. Louis, Arkansas and Texas Railway Company (in Arkansas and Missouri).				127.10	418.90						35.80		581.80	0.70	581.10
1569	St. Louis Merchants' Bridge Terminal Railway Company.				3.00									3.00		
1570	St. Louis Transfer Railway Company.				4.07									4.07		4.07
1571	St. Louis and San Francisco Railway Company.		144.20	190.15	516.77	134.83								994.95	60.04	925.01
1572	Fayetteville and Little Rock Railway Company.					7.68								7.68		
1573	Fort Smith and Van Buren Bridge Company.					0.34								0.34		0.34
1574	Kansas City and Southwestern Railroad Company.			61.86										61.86		61.86
1575	Kansas Midland Railway Company.			107.20										107.20		107.20
1576	Little Rock and Texas Railway Company.					18.34								18.34		
1577	Paris and Great Northern Railway Company.							16.04						16.04		
1578	Pittsburg and Columbus Railway Company.			8.81										8.81		
1579	St. Louis, Kansas and Southwestern Railway Company.			59.35										59.35		59.35
1580	St. Louis, Salem and Arkansas Railway Company.				54.00									54.00	40.61	13.39
1581	St. Louis, Iron Mountain and Southern Railway Company.				416.00	789.00								1,205.00	298.00	907.00
1582	Kansas and Arkansas Valley Railway Company.		163.00	2.00										165.00		165.00
1583	St. Louis, Kansas City and Colorado Railroad Company.				56.94									56.94		56.94
1584	Salina and Southwestern Railway Company.			35.45										35.45	34.55	0.90
1585	Silverton Railroad Company.	21.50												21.50		
1586	Solomon Railroad Company.			57.04										57.04	57.04	
1587	Southwestern Arkansas and Indian Territory Railway Company.					23.00								23.00		
1588	Stuttgart and Arkansas River Railway Company.					11.00								11.00		
1589	Sulphur Rock Railroad Company.					1.00								1.00		
1590	Terminal Railroad Association of St. Louis. (a)															
1591	St. Louis Bridge Company (b).				0.38									1.17		1.17
1592	Tunnel Railroad Company of St. Louis.				0.94									0.94		0.94
1593	Texas and Shreveport Railroad Company.					23.00								23.00		
1594	Topeka, Westmoreland and Marysville Railroad Company.			5.00										5.00		
1595	Ultima Thule, Arkadelphia and Mississippi Railway Company.					15.25								15.25		15.25

<sup>a</sup> Inserted to show proper relation of roads following.<sup>b</sup> Includes 0.79 mile in Illinois.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP VIII—Continued.

Road number.	CORPORATIONS.	IN GROUP VIII.								EXTENDING INTO OTHER GROUPS.				Total miles.	RAILS.	
		Part of Colorado.	Indian territory.	Kansas.	Part of Missouri.	Arkansas.	Part of New Mexico.	Part of Texas.	Oklahoma.	Tennessee.	Nebraska.	Louisiana.	Wyoming.		Iron.	Steel.
1596	Union Depot Company (Kansas city, Mo.)				0.36									0.36		
1458	Union Pacific Railway Company (line in Kansas and Colorado)	194.21		480.15	0.51									674.87	19.02	655.25
1597	South Park and Leadville Short Line Railroad Company.	7.37												7.37		
1598	Union Pacific, Denver and Gulf Railway Company.	599.89					83.30						125.14	808.33	171.39	636.94
1599	Union Pacific, Lincoln and Colorado Railway Company.			225.44										225.44	31.92	193.52
1600	Wichita and Western Railway Company.			125.19										125.19		125.19
1601	White and Black River Valley Railway Company.					64.00								64.00	45.50	18.50
1602	Williams Mills and Little Black River Railroad Company.					10.00								10.00		
1603	Williamsville, Greenville and Northeastern Railway Company.				10.00									10.00		
1604	Wrightsville Narrow Gauge Railroad Company.					9.00								9.00		
1605	Wyandotte Logging Railroad Company.					7.50								7.50		

## GROUP IX.

Road number.	CORPORATIONS.	IN GROUP IX.			EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Part of Texas.	Louisiana.	Part of New Mexico.	Indian territory.	Mississippi.		Iron.	Steel.
	Total .....	8,395.09	1,356.09		100.00	3.00	9,854.18		
1605+	Atlanta and Mount Pleasant Railroad Company .....	8.00					8.00		
1606	Austin and Northwestern Railroad Company .....	76.00					76.00	48.00	28.00
1607	Baton Rouge, Ponchatoula and Mobile Railroad Company .....		6.00				6.00		
1608	Calcasieu, Vernon and Shreveport Railroad Company .....		16.00				16.00		
1609	Central Texas and Northwestern Railway Company .....	12.00					12.00		12.00
1610	Denison and Suburban Railway Company .....	1.10					1.10		
1611	East Louisiana Railroad Company .....		30.70				30.70		
1612	East Texas Transportation Company .....	18.00					18.00		
1612+	Fort Worth and Denver City Railway Company .....	463.78					463.78	0.94	462.84
1613	Fort Worth and Denver Terminal Railway Company .....	6.88					6.88		
1614	Galveston, Houston and Henderson Railroad Company of 1882 .....	50.00					50.00	1.40	48.60
1615	Galveston and Western Railway Company .....	17.20					17.20		17.20
1616	Groveton, Kickapoo and Gulf Railroad Company .....	7.50					7.50		
1617	Gulf, Colorado and Santa Fe Railroad Company .....	958.00			100.00		1,058.00	238.78	819.22
1618	Gulf, Sabine and Red River Railway Company .....	24.00					24.00		
1619	Houston and Texas Central Railway Company .....	507.00					507.00		
1620	Fort Worth and New Orleans Railway Company .....	41.00					41.00		
1621	Texas Central Railway Company .....	230.00					230.00		
1622	Houston Central, Arkansas and Northern Railroad Company .....		52.00				52.00		52.00
1623	Houston, East and West Texas Railway Company .....	192.00					192.00	56.00	136.00
1624	Shreveport and Houston Railway Company .....		40.00				40.00		
1625	International and Great Northern Railroad Company .....	775.40					775.40	83.28	692.14
1626	Keno and Cold Springs Railroad Company .....	4.00					4.00		
1627	Kildare and Linden Railroad Company .....	13.00					13.00		
1628	Lake Charles and Leesville Railway Company .....		18.00				18.00		
1629	Lake Creek Railroad Company .....	8.00					8.00		
1630	Louisiana and Northwest Railroad Company .....		35.00				35.00		
1631	Louisiana Central Railroad Company .....		22.00				22.00	22.00	
1632	Mansfield Railway and Transportation Company .....		2.00				2.00	2.00	
1633	Minden Railroad Company .....		5.25				5.25		5.25
1632	Missouri, Kansas and Texas Railway Company (line south of Denison, Tex.) .....	829.75					829.75		
1634	Natchez, Red River and Texas Railroad Company .....		25.00				25.00		
1635	Natchitoches Railroad Company .....		11.02				11.02		
1636	New Orleans and Gulf Railroad Company .....		71.25				71.25	30.25	41.00
1637	New Orleans and Northwestern Railroad Company .....		74.00			3.00	77.00		
1638	New Orleans, Fort Jackson and Grand Isle Railroad Company .....		40.25				40.25		
1639	North Texas Land and Timber Company's Railroad .....	10.00					10.00		
1640	Olive and Sternessburg Timber Railroad Company .....	5.00					5.00		
1641	Paris, Marshall and Sabine Pass Railway Company .....	15.00					15.00	4.00	11.00
1642	Rio Grande Railroad Company .....	22.50					22.50	19.00	3.50
1643	Rio Grande and Eagle Pass Railroad Company .....	28.00					28.00		
1644	Robeline and Sabine Pass Railroad Company .....		8.00				8.00		
1645	St. Louis, Arkansas and Texas Railway Company (in Texas) .....	640.30					640.30	7.70	632.60
1646	San Antonio and Aransas Pass Railway Company .....	637.50					637.50		
1647	Seven Oaks Timber Road .....	6.00					6.00		

## STATISTICS OF TRANSPORTATION.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP IX—Continued.

Road number.	CORPORATIONS.	IN GROUP IX.			EXTENDING INTO OTHER GROUPS.		Total miles.	RAILS.	
		Part of Texas.	Louisiana.	Part of New Mexico.	Indian territory.	Mississippi.		Iron.	Steel.
1648	Southern Pacific Company (line east of El Paso, Tex.). (a)								
1649	Galveston, Harrisburg and San Antonio Railway Company	936.90					936.90		
1650	Louisiana Western Railroad Company	6.73	105.30				112.03		112.03
1651	Morgan's Louisiana and Texas Railroad Company		259.90				259.90		
1652	Gulf, Western Texas and Pacific Railway Company	111.20					111.20	45.50	65.70
1653	New York, Texas and Mexican Railway Company	91.00					91.00		91.00
1654	Texas and New Orleans Railroad Company of 1874	207.73					207.73	64.57	143.16
1655	Sulphur Lumber Company's Narrow Gauge Railroad	6.50					6.50		
1656	Texarkana and Fort Smith Railway Company	11.00					11.00		
1657	Texas and Pacific Railway Company	1,039.00	346.00				1,385.00	275.31	1,109.69
1658	Texas Mexican Railway Company	162.02					162.02	136.12	26.50
1659	Texas, Sabine Valley and Northwestern Railway Company	38.00					38.00	20.00	18.00
1660	Texas Tram and Lumber Company's Railroad	22.00					22.00		
1661	Texas Transportation Railroad Company	8.00					8.00		
1662	Texas Trunk Railroad Company	51.00					51.00	51.00	
1663	Texas Western Railroad Company	53.00					53.00		
1664	Topeka, Okmulgee and Gulf Railway Company	16.00					16.00		
1665	Vicksburg, Shreveport and Pacific Railroad Company		188.42				188.42		
1666	Wichita Valley Railway Company	27.50					27.50		

## GROUP X.

Road number.	CORPORATIONS.	IN GROUP X.								EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New Mexico.	Arizona.	California.	Nevada.	Oregon.	Idaho.	Washington.	Utah.	Wyoming.	Montana.	Colorado.		Iron.	Steel.
	Total	405.78	1,006.64	4,356.11	924.87	1,433.29	861.01	1,774.02	1,014.97	92.34	183.80	16.10	12,160.43		
1667	Alameda County Terminal Railway Company			15.00									15.00		
1668	Albion River Railroad Company			10.00									10.00		
1669	Arcata and Mad River Railroad Company			15.00									15.00	7.00	8.00
1670	Arizona and New Mexico Railroad Company	28.78	42.22										71.00		71.00
1671	Arizona and Southeastern Railroad Company		36.20										36.20		36.20
1672	Astoria and South Coast Railroad Company					15.78							15.78		
1479	Atlantic and Pacific Railroad Company (Western Division)	169.90	393.04										562.94		562.94
1673	Bellingham Bay and British Columbia Railroad Company							3.00					3.00		
1674	Black Lake and Sherman Valley Railroad Company							3.50					3.50		
1675	Blanchard Railroad Company							5.00					5.00		
1676	Bodie and Benton Railway Company			34.00									34.00		34.00
1677	Bucksport and Elk River Railroad Company			12.00									12.00		12.00
1678	California Railway Company			5.00									5.00		
1679	California and Nevada Railroad Company			18.00									18.00		
1680	Carson and Colorado Railroad Company			108.00	192.00								300.00		300.00
1681	Caspar and Hare Creek Railroad Company			8.00									8.00		
1682	Central Arizona Railway Company		35.00										35.00		
1683	Chino Valley Railway Company			10.00									10.00		
1684	Columbia and Puget Sound Railway Company							42.00					42.00		
1685	Columbia River and Gray's Harbor Railroad Company							4.00					4.00		
1686	Colusa and Lake Railroad Company			22.00									22.00		
1687	Coronado Railway Company			21.70									21.70		
1688	Crystal Bay Railroad Company				9.50								9.50		
1689	Echo and Park City Railway Company								30.61				30.61	23.84	6.77
1690	Eel River and Eureka Railroad Company			25.00									25.00		
1691	Eureka and Palisade Railroad Company				84.00								84.00	14.00	70.00
1692	Fort Bragg Railroad Company			7.60									7.60		
1693	Greenwood Railroad Company			8.00									8.00		
1315	Great Northern Railway Company (a)														
1694	Fairhaven and Southern Railroad Company							26.10					26.10		
1695	Gualala Mill Company's Railroad			5.00									5.00		
1696	Humboldt Lumber Mill Logging Railroad Company			1.00									1.00		
1697	Illwaco Railway and Navigation Company							16.00					16.00		16.00
1698	Jackson Logging Railroad Company							1.75					1.75		
1699	Jacoby Creek Railroad Company			4.50									4.50		

a Inserted to show proper relation of roads following.

## STEAM RAILROADS.

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TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP X—Continued.

Road number.	CORPORATIONS.	IN GROUP X.								EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New Mex. co.	Arizona.	California.	Nevada.	Oregon.	Idaho.	Washington.	Utah.	Wyoming.	Montana.	Colorado.		Iron.	Steel.
1700	Lake Tahoe Narrow Gauge Railroad Company.				10.00								10.00		
1701	Lake Valley Railroad Company.			5.50									5.50		
1702	Los Angeles and Pacific Railway Company.			30.00									30.00		
1703	Los Angeles, Pasadena and Glendale Railway Company.			14.01									14.01		
1704	Lowell Logging Railroad Company.			5.00									5.00		
1705	Mad River and Humboldt Railroad Company.			16.00									16.00		
1706	Maricopa and Phoenix Railroad Company.		34.36										34.36		34.36
1707	Mosquito and Coal Creek Railroad Company.							2.63					2.63		
1708	National City and Otay Railroad Company.			30.23									30.23		30.23
1709	Navarro Mill Company's Railroad.			9.00									9.00		
1710	Nevada-California-Oregon Railway Company.			41.86	28.14								70.00	29.95	40.05
1711	Nevada Central Railroad Company.				93.30								93.30	93.30	
1712	Nevada County Narrow Gauge Railroad Company.			22.50									22.50	16.50	6.00
1713	New Mexico and Arizona Railroad Company.		87.78										87.78		87.78
1364	Northern Pacific Railroad Company (line west of Idaho).					36.30		542.20					578.50	1.05	577.45
1714	Central Washington Railroad Company.							87.50					87.50		87.50
1715	Coeur d'Alene Railway and Navigation Company.						38.44						38.44	9.44	29.00
1716	Northern Pacific and Cascade Railroad Company.							18.60					18.60		
1718	Northern Pacific and Puget Sound Shore Railroad Company.							30.50					30.50		
1719	Spokane and Palouse Railway Company.						7.10	97.30					104.40		104.40
1720	Spokane Falls and Idaho Railroad Company.						13.60						13.60		
1721	Tacoma, Olympia and Gray's Harbor Railroad Company.						1.01						1.01		
1722	Tacoma, Orting and Southeastern Railroad Company.						7.80						7.80		
1723	North Pacific Coast Railroad Company.			75.25									75.25		
1724	Northwestern Railroad Company of California.			7.50									7.50	7.50	
1725	San Francisco, Tamalpais and Bolinas Railway Company.			1.75									1.75		
1726	San Rafael and San Quentin Railway Company.			3.50									3.50		
1727	Northern Pacific Terminal Company.					6.50							6.50		6.50
1728	Ogden Union Railway and Depot Company.							9.00					9.00		
1729	Olympia and Chehalis Valley Railway Company.							15.50					15.50		
1730	Oregonian Railway Company.					155.40							155.40		
1731	Oregon Pacific Railway Company (a).														
1732	Willamette Valley and Coast Railway Company.					141.80							141.80		141.80
1733	Oregon and Washington Territory Railroad Company.					41.08		117.40					162.08		162.08
1734	Oregon Short Line and Utah Northern Railway Company.					15.41	706.04		458.12	92.34	183.80		1,450.31	479.33	970.98
1735	Pacific Coast Railway Company.			76.10									76.10		
1736	Pacific Lumber Company's Railroad.			14.15									14.15		
1737	Pacific Lumber and Wood Company's Railroad.			10.00									10.00		
1738	Pasadena Railway Company.			7.25									7.25		
1739	Pittsburg Railroad Company.			5.33									5.33		
1740	Portland and Willamette Valley Railway Company.					28.30							28.30		28.30
1741	Prescott and Arizona Central Railway Company.		78.30										78.30		78.30
1742	Puget Sound and Chehalis Railway Company.							6.00					6.00		
1743	Puget Sound and Gray's Harbor Railroad Company.							20.00					20.00		
1744	Rio Grande Western Railway Company.								340.00			16.10	356.70		356.70
1745	Ruby Hill Railroad Company.				7.00								7.00	7.00	
1746	Salmon Creek Railroad Company.			10.00									10.00		
1747	San Diego, Cuyamaca and Eastern Railway Company.			25.37									25.37		25.37
1748	San Francisco and North Pacific Railway Company.			162.25									162.25	57.59	104.66
1749	San Pete Valley Railway Company.								27.00				27.00	27.00	
1750	Santa Fé Southern Railway Company.	39.80											39.80		
1751	Satsop Railroad Company.							24.00					24.00		

a Inserted to show proper relation of roads following.



## STATISTICS OF TRANSPORTATION.

TABLE 1.—RAILROAD MILEAGE (SINGLE TRACK) IN STATES AND TERRITORIES JUNE 30, 1890, BY GROUPS—Continued.

## GROUP X—Continued.

Road number.	CORPORATIONS.	IN GROUP X.								EXTENDING INTO OTHER GROUPS.			Total miles.	RAILS.	
		Part of New Mex-ico.	Ari-zona.	Califor-nia.	Ne-vada.	Oregon.	Idaho.	Wash-ington.	Utah.	Wyo-ming.	Mon-tana.	Colo-rado.		Iron.	Steel.
1752	Seattle, Lake Shore and Eastern Railway Company.							155.86					155.86		
1753	Sierra Valley and Mohawk Valley Railroad Company.			15.00									15.00		
1754	Southern California Railway Company.			476.20									476.20		476.20
1755	Southern Oregon Company's Logging Railroad.					2.00							2.00		
1648	Southern Pacific Company (line west of El Paso, Tex.). (a)														
1756	California Pacific Railroad Company.			113.44									113.44	15.18	68.26
1757	Central Pacific Railroad Company.			751.27	448.73				149.64				61,349.64	40.19	1,305.76
1758	Northern Railway Company.			389.48									389.48	118.84	270.04
1759	Northern California Railway Company.			25.90									25.90	22.73	3.17
1760	Oregon and California Railroad Company.					475.42							475.42	36.50	438.92
1761	Southern Pacific Railroad Company of Arizona.		384.74										384.74		384.74
1762	Southern Pacific Railroad Company of California.			1,556.82									1,556.82	102.73	1,454.09
1763	Southern Pacific Railroad Company of New Mexico.	167.30											167.30		167.30
1764	Southern Pacific Coast Railway Company.			104.00									104.00	52.43	48.57
1765	Spokane Falls and Northern Railroad Company.							102.00					102.00		
1766	Tucson, Globe and Northern Railway Company.		10.00										10.00		
1458	Union Pacific Railway Company (a)														
1767	Oregon Railway and Navigation Company.					504.96		136.51					640.87	145.05	405.23
1768	Oregon Railway Extension Company.							47.84					47.84		47.84
1769	Cascades Railroad Company.							6.00					6.00		
1770	Columbia and Palouse Railroad Company.						2.38	142.07					144.45	141.45	3.00
1771	Mill Creek Flume and Manitoba Railroad Company.							12.59					12.59		
1772	Walla Walla and Columbia River Railroad Company.					5.34		30.18					35.52		
1773	Washington and Idaho Railroad Company.						84.94	62.59					147.53		
1774	Union River Logging Railroad Company.							6.00					6.00		
1775	Vancouver, Klickitat and Yakima Railroad Company.							10.00					10.00		
1776	Virginia and Truckee Railroad Company.				52.20								52.20		
1777	Visalia Railroad Company.			7.00									7.00		
1778	Visalia and Tulare Railroad Company.			11.50									11.50		11.50
1779	Waluskie Railroad Company.					2.00							2.00		
1780	Warren Creek Railroad Company.			2.25									2.25		

a Inserted to show proper relation of roads following.

b Includes 3.69 miles of ferry.

c Includes 3.00 miles of ferry.